Merrimack College

A·D·1947

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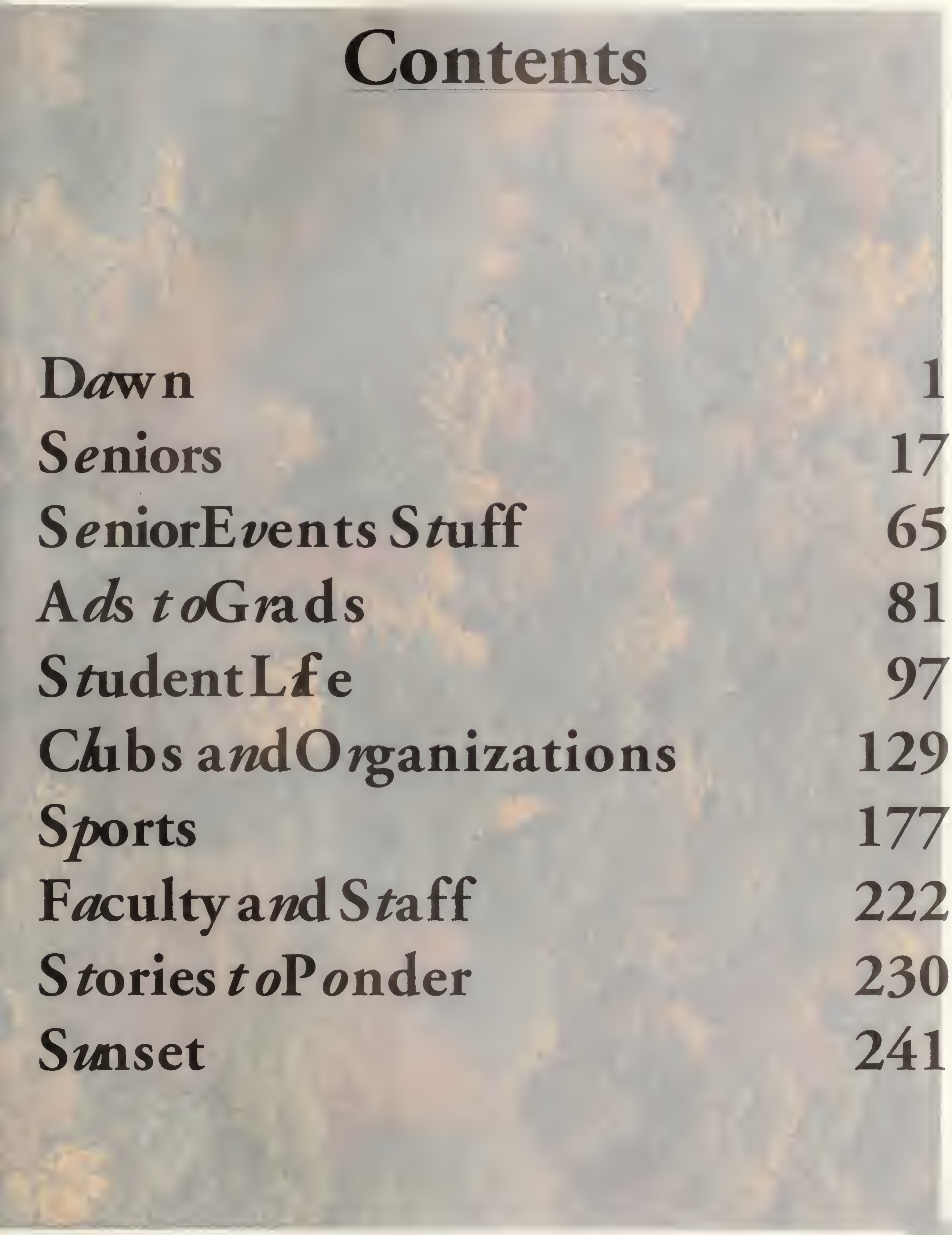

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Cara N. DeMarco

Our World

our home

This is where it all begins, here is the place where we begin to take a closer look at the world. For just a little while, think about where you are. Remember what it felt like the first time you walked barefoot in the grass or saw a blue sky. The first time you smelled fresh air, a time when such things were an exciting part of being alive. Wait, we aren't trying to convert anyone to flower children! We're just celebrating our accomplishments and good times as a school remembering what belies all of the things we ever will do.

What about that title?

Whose world? Our world. We play many roles during our lives, and for each of these roles there is a world. Our friends who we've come to know and love over the past four or so years are a small world. The Merrimack College community is a world in itself, complete with all kinds of people, relationships, and ideas. We are part of the United States, a vast community of sorts. Finally, we are part of a grand community, the Earth.

Along this line, our examination of Merrimack College and its class of 1993 will set on a somewhat environmental tone. Not all of the book will be pervaded by this, but it will be around all of the sections, just as the natural world is around all of us at every moment. Take a few moments to notice things about the school that you might have missed before. Be mindful of what is happening around you in the natural world, too. Notice how great it is just to breathe air when it is fresh and sweet.

If you love the Earth, your world, then take care of it, and it will be there or your children to enjoy as well. There is no disgrace in taking care of the Earth God gave us. Indeed, it is a responsibility we have.

We on the staff of *The Merrimackan* hope you enjoy looking through this edition of the yearbook as much as we enjoyed producing it. And now for ***A Closer Look at Our World*** .

By *Eric Brown*

Photos By Eric Brown

Photo By Brian Lankshear

Photo By Eric Brown

As true today as yesterday

Awaken to the world around you...

"ThePresident in Washington sends word that he wishes to buy our land. But how can you buy or sell the sky? The land? The idea is strange to us. If we do not own the freshness of the air and the sparkle of the water, how can you buy them?"

"Every part of this earth is sacred to my people. Every shining pine needle, every sandy shore, every mist in the dark woods, every meadow, every humming insect. All are holy in the memory and experience of my people."

"We know the sap which courses through the trees as we know the blood that courses through our veins. We are part of the earth and it is part of us. The perfumed flowers are our sisters. The bear, the deer, the great eagle, these are our brothers. The rocky crests, the juices in the meadow, the body heat of the pony, and man, all belong to the same family."

"The shining water that moves in the streams and rivers is not just water, but the blood of our ancestors. If we sell you our land, you must remember that it is sacred. Each ghostly reflection in the clear waters of the lakes tells of events and memories in the life of my people. The water's murmur is the voice of my father's father."

"The rivers are our brothers. They quench our thirst. They carry our canoes and feed our children. So you must give to the rivers the kindness you would give any brother."

"If we sell you our land, remember that the air is precious to us, that the air shares its spirit with all the life it supports. The wind that gave our grandfather his first breath also receives his last sigh. The wind also gives our children the spirit of life. So if we sell you our land, you must keep it apart and sacred, as a place where man can go to taste the wind that is sweetened by the meadow flowers"

"Will you teach your children what we have taught our children? That the earth is our mother? What befalls the earth befalls all the sons of the earth."

"This we know: the earth does not belong to man, man belongs to the earth. All things are connected like the blood that unites us all. Man did not weave the web of life, his is merely a strand in it. Whatever he does to the web, he does to himself."

"One thing we know: our god is also your god. The earth is precious to him and to harm the earth is to heap contempt on its creator."

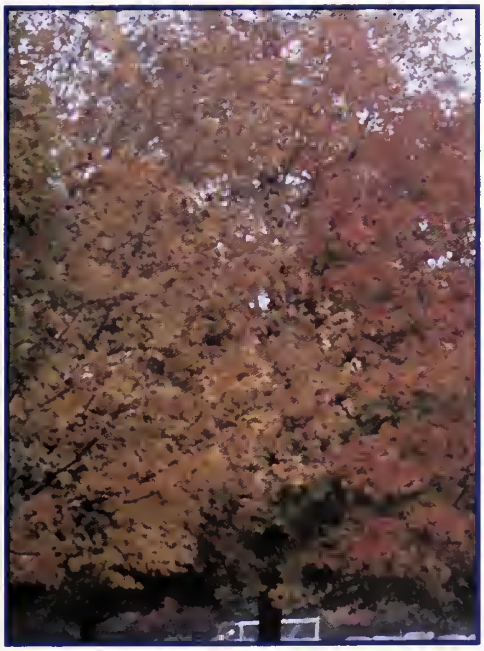
"Your destiny is a mystery to us. What will happen when the buffalo are all slaughtered? The wild horses tamed? What will happen when the secret corners of the forest are heavy with the scent of many men and the view of the ripe hills is blotted by talking wires? Where will the thicket be? Gone! And what is it to say goodbye to the swift pony and the hunt? The end of living and the beginning of survival."

"When the last Red Man has vanished with his wilderness and his memory is only the shadow of a cloud moving across the prairie, will these shores and forests still be here? Will there be any of the spirit of my people left?"

"We love this earth as a newborn loves its mother's heartbeat. So, if we sell you our land, love it as we have loved it. Care for it as we have cared for it. Hold in your mind the memory of the land as it is when you receive it. Preserve the land for all children and love it, as God loves us all."

"As we are part of the land, you too are part of the land. This earth is precious to us. It is also precious to you. One thing we know: there is only one God. No man, be he Red Man or White Man, can be apart. We are brothers after all."

By *Chief Seattle*
taken from, *The Power of Myth*,
Doubleday Co.



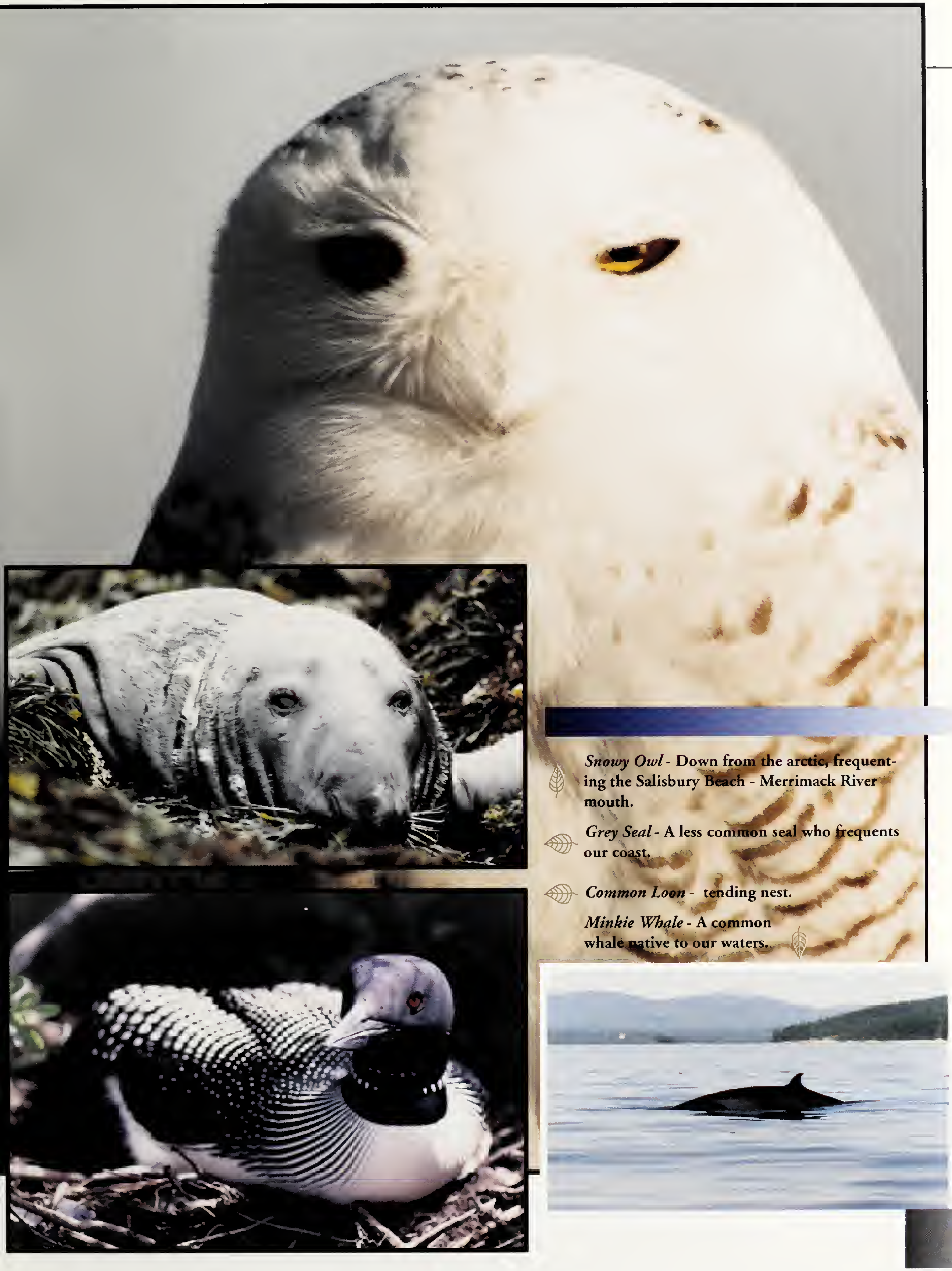
Photos by Eric Brown

Take A Look

A Great Blue Heron

Otter Point Mt. Desert Island Maine

Photos by Brian Lankshear



Snowy Owl - Down from the arctic, frequenting the Salisbury Beach - Merrimack River mouth.

Grey Seal - A less common seal who frequents our coast.

Common Loon - tending nest.

Minkie Whale - A common whale native to our waters.

A Closer Look

Many people to whom I speak are surprised when I show them pictures that I have taken off our coasts of seals or snowy owls. They often have no idea that these things exist around here. A simple visit to Salisbury Beach in the winter during low tide may reveal examples of either or both of these species.

Harbor seals frequent the rocks at the mouth of the Merrimack River in the winter when no boat traffic exists to scare them away. I believe there to be probably some ten thousand seals on the east coast of the States. Included among these are also other species such as the considerably larger gray seal as well as occasional arctic migrants such as the ringed seal or the harp seal which was sought after for its pelt. It seems more and more common lately that these arctic seals are picked up at Okeanos Ocean Research Foundation at Montauk, Long Island, New York. This organization deals with stranded marine mammals and turtles as well as running whale watches and other discovery cruises. The southernmost extent of the seals' range is around New Jersey.

These animals have now acquired a reasonable amount of protection and for the most part seem to be extending their ranges. However, there always seems present a powerful lobby force from fishermen to control the seals' numbers. They blame them for being in competition with the fishing industry. Most conservationists, however, think that we are too quick to blame other species for damage for which we ourselves are responsible, and it is stated quite often that we may go to the supermarket, while the seal hasn't this option.

Pollution from petrochemicals, run-off of fertilizers from farms, sewage, industrial wastes, discarded plastics and rubber balloons, as well as indiscriminate and excessive fishing, combined with the slashing propellers of our ships is our legacy and makes one wonder if it is we humans that are in control.

Many other interesting creatures too numerous to mention are out there for observation if one is interested in investigating. Several species of whales and sharks can be seen sometimes near shore, but more reliably from the deck of whale watch boats that you may board at [illegible] or Newburyport. Among the common sightings are the minke whale, the humpbacked, fin, and pilot whale, or the nurse shark, the plankton-straining basking shark, and the harbor porpoise. Also in our waters exists a variety of seabirds such as the gannet which is our largest [illegible] probably our smallest, and a whole range in between. Included among these are several species each of [illegible], terns, gulls and many diving birds such as the common eider, winter loons or black guillimot.

[illegible] are the hours we have spent looking in tidal pools on the rocky shores at the myriad of different creatures trapped within by [illegible] the tides. Here carnal adventures occur before one's eyes among creatures ranging in size from the tinyest algae to nine hundred pound grey seals. To eat or be eaten is the name of the game, and if you look close enough, every square inch of substate is teeming with life caught up in the struggle for survival.

It is an extremely interesting world out there and I think we are beginning to realize just how important the environment is. I would [illegible] urge anyone to go out and investigate it on their own terms. I do this with my boats and cameras, and the times consumed by this [illegible] immeasurably rewarding. To see an eagle dive for fish at the mouth of the Merrimack, or a humpback whale off Cape [illegible] body out of the water before your eyes in what is called a breach is to me one of those things everyone should have the [illegible] and opportunity to see.

By *Brian Lankshear*

Mt. Desert Island Maine

The Big Rock That gets Attention

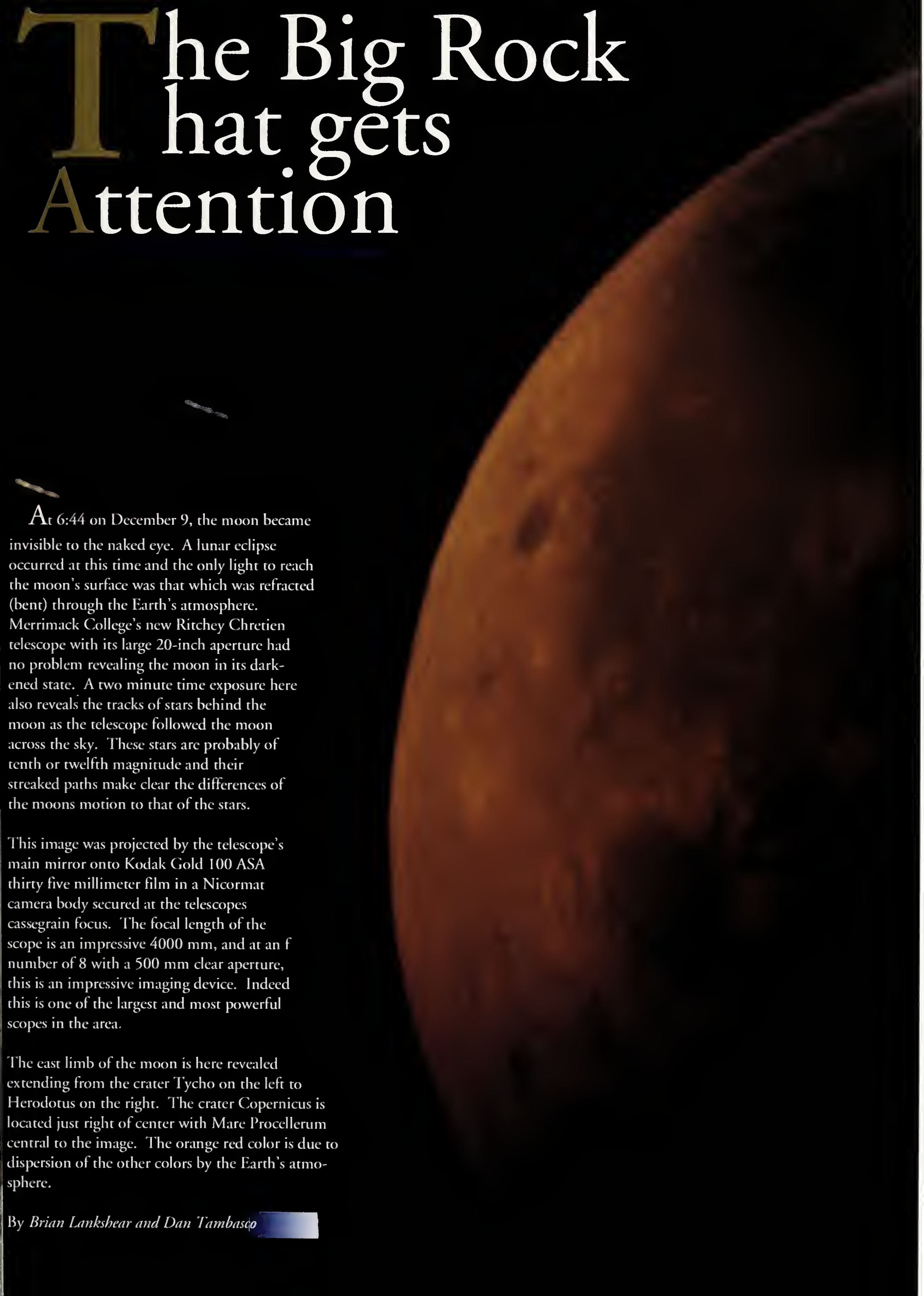


Photo by Brian Lankshear and Dan Tambasco Jr.

At 6:44 on December 9, the moon became invisible to the naked eye. A lunar eclipse occurred at this time and the only light to reach the moon's surface was that which was refracted (bent) through the Earth's atmosphere. Merrimack College's new Ritchey Chretien telescope with its large 20-inch aperture had no problem revealing the moon in its darkened state. A two minute time exposure here also reveals the tracks of stars behind the moon as the telescope followed the moon across the sky. These stars are probably of tenth or twelfth magnitude and their streaked paths make clear the differences of the moons motion to that of the stars.

This image was projected by the telescope's main mirror onto Kodak Gold 100 ASA thirty five millimeter film in a Nicormat camera body secured at the telescopes cassegrain focus. The focal length of the scope is an impressive 4000 mm, and at an f number of 8 with a 500 mm clear aperture, this is an impressive imaging device. Indeed this is one of the largest and most powerful scopes in the area.

The east limb of the moon is here revealed extending from the crater Tycho on the left to Herodotus on the right. The crater Copernicus is located just right of center with Mare Procellerum central to the image. The orange red color is due to dispersion of the other colors by the Earth's atmosphere.

By *Brian Lankshear and Dan Tambasco*

Dedication

Doc Royal

Professor John "Doc" Royal received his undergraduate degree in Mathematics from the University of Maine in 1951. In the years during which he pursued a Masters Degree in Mathematics from that same university, he taught as an assistant mathematics professor there. In addition, during this time he coached high school football in Lebanon, NH and later in Lincoln, ME. One year after receiving his Masters Degree in 1958, he came to Merrimack College as a Mathematics Instructor.

> *Dr. John Royal has been an outstanding teacher, a dedicated sports fan, and a good friend to all.*

For the past 34 years, he has seen and taught many generations of Merrimack students. Since coming here, his title has changed from that of Instructor, to Assistant Professor, and then finally to Professor. He was the chairman of Merrimack's Mathematics Department for ten years until 1986.

Not only does Doc Royal ***teach*** mathematics, but for years his math skills and knowledge benefited those ***other than*** his students. He worked part time for NASA and various defense companies in the Boston area until 1986. The work he did for NASA included using complex mathematical formulas to help NASA scientists calculate the speeds and angles at which space vehicles must re-enter the Earth's atmosphere after space flight in order to not overheat from friction with the atmosphere.

An avid sports fan and enthusiast, it comes as no surprise that Dr. Royal's main hobby is sports. He is presently the chairman of the Athletic Committee, and can be seen at most Merrimack sporting events. Most notable of the events he attends are the basketball games where for years he has proudly run the timeclock. He says he can't even remember how many years he's been doing it, it's been so long!!

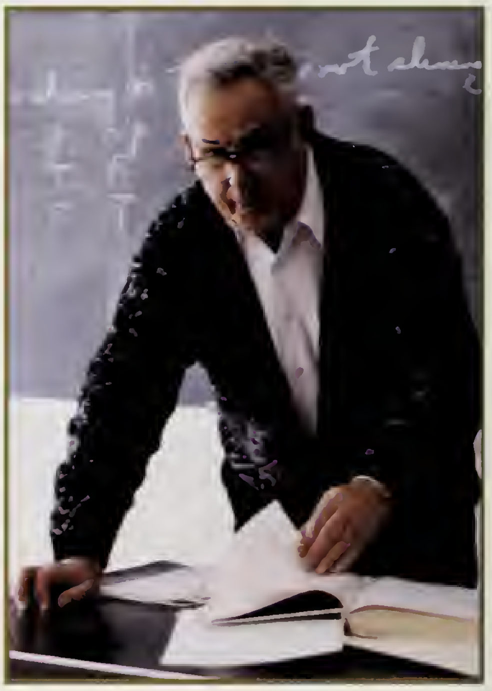
In addition to his teaching schedule, part-time work, and involvement with Merrimack sports, for years Dr. Royal has even found the time to officiate many high school sporting events in the Merrimack Valley. One would never know from sitting in one of his classes that Doc Royal has been involved with and dedicated to so many activities all these years. He will be on sabbatical in the fall of 1993.

Dr. Royal lives with his wife of 39 years in a beautiful brick home in North Andover very close to the College. He has five children and six grandchildren. His five children are all Merrimack graduates and have successful jobs throughout the country.

Throughout his years here, Dr. John Royal has been an outstanding teacher, a dedicated sports fan, and a good friend to all. We will miss you when we're gone, Doc!

By *John Kurdzionak*

Photos by Cara DeMarco



Orientation *for the 96'ers*

The Orientation Committee is the largest organization on campus, with over 80 members. Comprised of 11 coordinators and approximately 70 general committee members, about 30 of whom are call-backs, the Committee is responsible for the new students' transition to Merrimack student life.

This year, the fall weekend ran three days packed with activities that enabled new students to meet their classmates. Events that occurred were Playfair, which is a night of icebreakers, Olympics, a dance and lipsync, and a student activities fair. The weekend was capped off with a performance by Russ Burgess. New students and orientation leaders were given the opportunity to become hypnotized.

In September, a banquet was held at the Holiday Inn in Tewksbury. Committee members were treated to a dinner, award ceremony, a slide and video show, and a dance.

Coordinators for the '92 season were seniors Jen Brooks, Alex Cain, Sheila Kavanagh, Tim Mulhern, and Sarah Stanton, and juniors Mark Anderson, Christina Iannelli, Laura Michalisin, Kevin Mullen, and Jared Whalen. Junior coordinators for the '93 season were Caroline Cain, Cara DeMarco, Mike Drum, Dan Pereira, Jill Soper, and Erin Sullivan.

By *Cara DeMarco*

Photos by Cara DeMarco

Jeanine LaCerte

Christina, Marty, Mike, Eileen, Denise, Michelle, Steve, and Bird.

"Bert"

Kevin Mullen

"Drummie"

"Bean" and Erin

Matt McQuaid
and Eric Knox

Alex Cain

Jenn Brooks and Bean

Jen Newell

Laura Michalisin

Snow...

A young man pushes his way out the door of his home, though the strength of the wind tries to restrain him. He squints out at a shifting sea of white that blinds him. The biting cold attacks his entire body, as he attempts to identify which towering snow bank owes its existence to his car. To no avail, he labors to remove the ice which has enveloped the automobile. A half hour later, he stands with a cup of coffee in his hand, gazing out the window, as the construction crew endeavors to excavate his car from the mountain of snow. Am I starting to ring any bells with you?

The doors of the residence hall are opened, and a young woman is greeted with an avalanche of snow. After digging herself out, she throws her grappling hook over the top of the summit of the pile, but the powder is not yet packed enough for this to be effective. The screaming wind announces: "Get back inside. This is my territory." A few brave souls try to escape from windows on higher levels, but they are frozen shut. Those who have ventured into the showers discover, to no one's amazement, that hot water is out of the question. Am I starting to ring any bells with the rest of you?

As a commuter, I had the distinct privilege of experiencing the former of these adventures more than once this past winter. Those of you who are residents probably can identify with the latter. Whichever of these episodes seems more familiar, the question playing on the mind is always the same: "Who wouldn't cancel school on a day like this?" That leads into the next question, which is: "Who's in charge of this policy?" To answer both of these inquiries, I met with Dr. Joseph Kelley, Acting Director of Student Life, who is responsible for deciding whether snow cancellation is appropriate.

Contrary to what anyone else believes, Dr. Kelley gets up at 4:30 when there is a threat of treacherous road conditions. First, he listens to weather reports on the radio and television. "I then call the office of Physical Plant to find out if the parking lots are cleared. If Physical Plant says they can't keep up with the storm, or if there is too much there for them to remove, I make the decision to cancel school," says Student Life Director Kelley. He does this because commuters need a place to park, and his primary concern is the safety of students, faculty, and staff who work at Merrimack College.

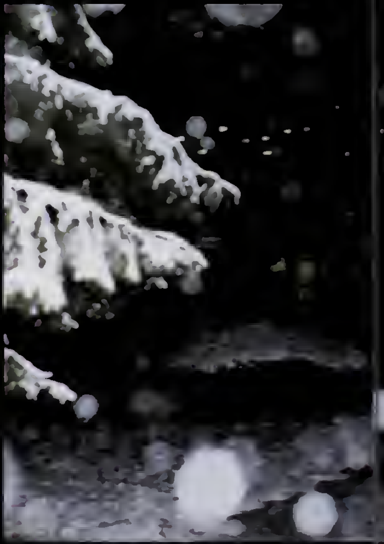
Snow turns normally attentive students into potential maniacs.

Once the information about cancelled classes is given, the Director of Public Relations calls the radio stations to inform them of the situation. The message is usually delivered by 5:30 at the latest, because Dr. Kelley is aware that many need to start very early under such conditions. Smiling, he said,"I have to wake up and make these important decisions at this early hour." He points out that Saturday classes were cancelled before Christmas, school has closed early twice since Christmas, and of course, on February 26, day classes were closed for the first time since the mid-eighties.

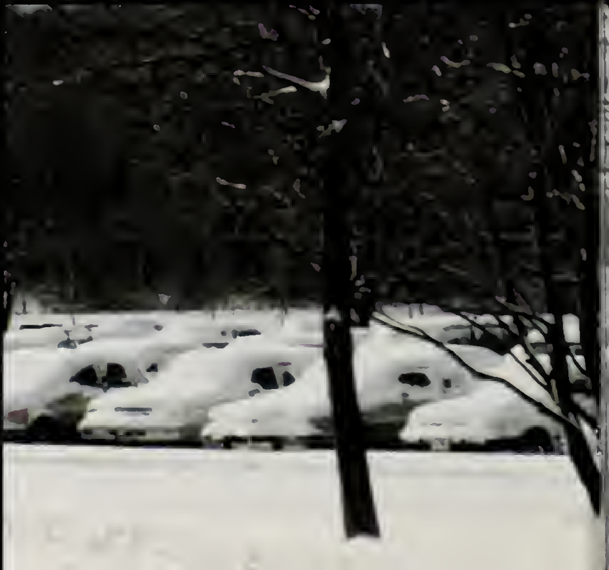
The Administration of Merrimack College is aware that its decision in this matter never pleases everyone. If they don't cancel, commuters are angry. If they do cancel, professors who had scheduled tests are angry. Continuing Education, which holds evening classes, makes its own decision when it comes to snow. However, as Dr. Kelley states," We have to prepare students for the business world, where they are expected to get to work regardless of road conditions."

Nevertheless, the frustration of students who have had car accidents is perfectly understandable. Snow, while light and fluffy in the air, turns into a ferocious beast when it comes in contact with the roadways. Snow turns normally attentive students into potential maniacs. Anyone has to admit that no decision an administrator makes can compete with that kind of opponent...and as the winter carries on, so does the siege.

By *Doug Farmer*



Photos by Steve Ehrmanntraut



would it never end?

Photos by Cara DeMarco and Steve Ehrmanntraut

Photo by Kevin Mullen

Photo by Ken Farmer and Eric (see Colophon)

Photo by Brian Lankshear

Photo by Brian Lankshear

Photo by Eric Brown and Ken Farmer (see Colophon)

Photo by Kevin Mullen

Photo by Ken Farmer and Eric Brown

Photo by Kevin Mullen

Photos by Kevin Mullen

Photo by Cara DeMarco

Photo by Kevin Mullen

Photos by Cara DeMarco

Photo by Brian Lankshear

Photo by Brian Lankshear

Photo by Kevin Mullen

Graduates

Photo by Purdy Vantine

Dear Members of the Class of 1993:

I am pleased to have this opportunity to write a few words to the Class of 1993 on the occasion of the publication of your Yearbook. Your Yearbook theme of looking closer at our world in terms of the environment and the world's physical beauty and the responsibility we each have to preserve and protect our world is a timely one.

At Merrimack, we stress the concept of community. We encourage all constituencies to come together to share as one our love for learning and our fearless search for truth. A community of learners has many responsibilities and our responsibility to the earth is an important one. Chief Seattle in his reply to the President puts it this way:

"This we know: the earth does not belong to man, man belongs to the earth. All things are connected like the blood that unites us all."

It is my hope that your Merrimack education provided you with the context in which to celebrate the many gifts that God has given us. The gift of life is the most precious gift that we have. We need to celebrate life in all of its forms, protecting and enhancing the quality of life for all. We are, indeed, connected with our brothers and sisters throughout the world. Differences of culture, color, religion, or origin should serve to unite us and not divide us. Your education should have made you more sensitive to differences and eager to rejoice in the different talents and gifts of others and ready to share your gifts with the world. The beauty of nature needs our love and protection, also. Our natural resources cannot be taken for granted, and we need to use our education to guarantee the preservation of our forests, rivers, and oceans; to enhance the quality of our air and water; to strengthen the common bonds that unite us all.

As you leave Merrimack College, you begin to take on the responsibility of making this a better, more just world. I know that you will make a difference. Your care and concern for one another is a hallmark of your class. You have taken the opportunity to be of service to the poor, elderly, hungry, and the homeless. You have already begun to make a difference.

I salute you on your accomplishments and wish you the very best for the future. Stay close to your *Alma Mater.* Take from her the strength of your values and convictions. Return to her your love and support. Be at peace with one another. Let God's love unite us all as Brothers and Sisters rejoicing in the beauty of His creation.

Rev. John E. Deegan, O.S.A.
President

Class of...93

Joseph M. Abi-Moussa
Mathematics

George R. Adyns
Accounting

Robert J. Alconada
Political Science

Nicholas Alexis
Marketing

Richard A. Alimenti
Marketing

Earl T. Allison II
Accounting

Toni A. Aresco
Accounting

Renee A. Aswad
Marketing

Allyson Lee Aucone
Sociology

A

A

A

A

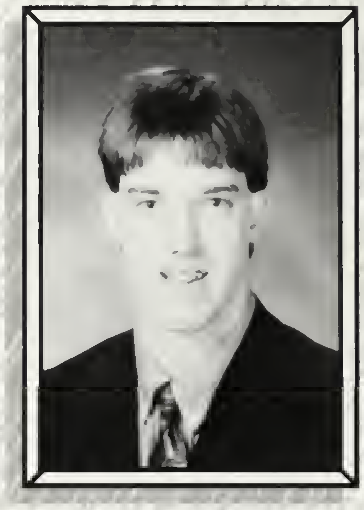
Richard M. Augeri
Management

Kerry A. Austin
Marketing

Michael R. Banks
English

B

Joanna M. Barrett
Management

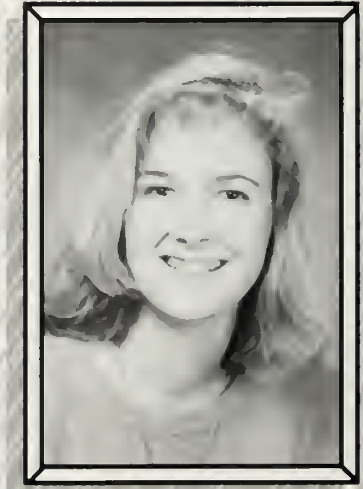

John B. Barron
Sociology

Wayne "Dana" Bassett
Marketing

B

Vincent J. Bates
Marketing

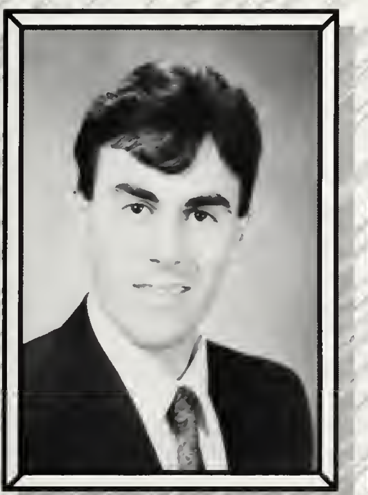
Susan A. Benincasa
Management


Elizabeth Berry
Political Science

Leah J. Bishop
Accounting

Jennifer M. Bonanno
Psychology

Oana Bondoc
Management



John P. Boulanger
Finance

Marisa A. Boyajian
Psychology

Sarah U. Boyd
Pschology

Dana C. Braga
English

Robert G. Brandon
Management

Gail A. Brennan
Biology

JOHN BOULANGER

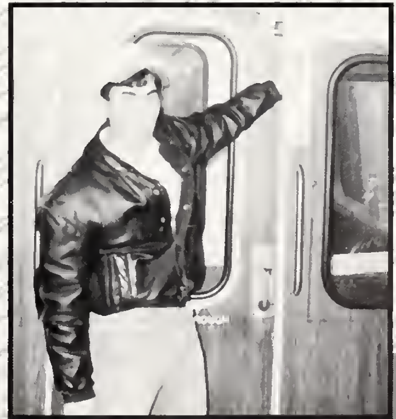
The first time the idea of attending Merrimack College occurred to me was when I was a senior in high school. My initial response was that it was too close to my home. As a resident of North Andover, I wanted to attend a college further from home. After spending my freshman year at another school, I began to think that Merrimack College was the place I was supposed to be.

The decision to transfer to Merrimack was one of the best I have made. I learned of Merrimack's excellent reputation in the business community while working in the Career Services/ Cooperative Education Office. Participating in the Co-op Program has proven to be an invaluable asset. In addition to the experience, it also has enabled me to grow as a person. More students should take advantage of this great program.

I chose to major in Finance after taking Professor Andrews' Financial Management class. After completing that class I knew that Finance was what I wanted to pursue a career in. I would like to thank Professors Andrews, Quinn, Father Dwyer, and the Career Services/ Cooperative Education staff; and also all my friends and especially my family.

Make the most of every day; the day that has passed will never be seen again.

11/16/92



B

Michelle M. Brien
Accounting

Anthony J. Brooks
Finance

Donna Marie Brooks
Marketing

B

Jennifer Brooks
Marketing

Robin Brothers
International Business

Eric F. Brown
Physics

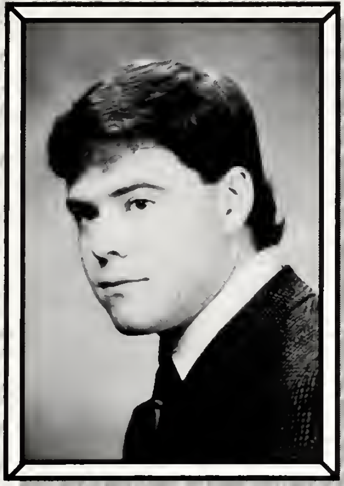
B

Gabriel J. Bruno
Political Science

Andrea J. Brush
Sociology

Mary K. Bryan
English

Tracy M. Bubencik
International Business



Matthew J. Buckley
Accounting

John P. Burke
Marketing

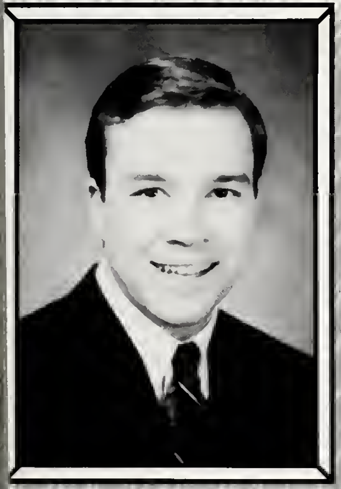
B

Lori M. Burnham
Psychology

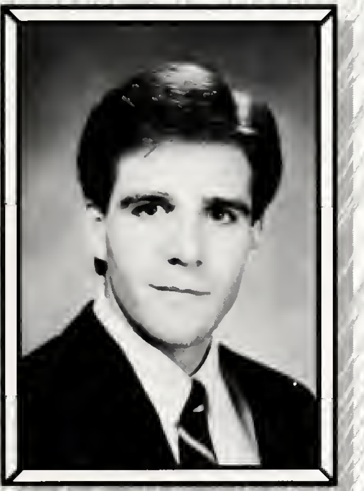
Stacey L. Burton
Psychology

Robert Burt
Finance

B



Alexander R. Cain
Economics



Brian M. Callaghan
History

Christopher J. Calvani
Marketing

C

C

C

C

Monica E. Canty
Psychology

Aimee Capone
Management

Charlene L. Capone
Sociology

Linda L. Carleton
Biology

Cheryl A. Carnevale
English

Scott T. Carpenter
Sociology

Alicia A. Carrano
Sociology

James M. Carson, Jr.
History

Deborah A. Ciampa
Accounting

Stephen Cicilline
Marketing

Dora Ciruolo
Finance

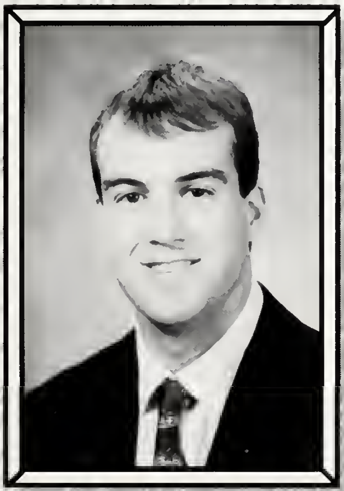
Michael Civiello
Chemistry

Theresa M. Civiello
Marketing

Kathryn C. Clisham
Psychology

Eileen M. Cloherty
Accounting

Dorothy Cogan
Accounting



Kevin T. Collard
Management

Colleen M. Collier
Marketing

C

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Kevin J. Collins
Accounting & Finance

John R. Condon, III
Political Science

Stephanie S. Conley
Management

Christine Consolante
Political Science

Andrea J. Conte
Finance

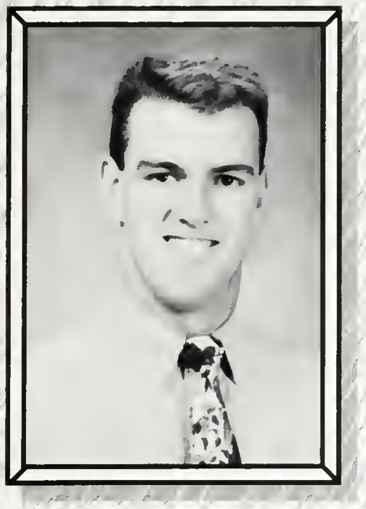
Erin K. Contois
Political Science

Edward M. Conway
Accounting

Justin M. Cook
Management

Brian J. Coppola
Political Science

Benjamin G. Costa
English



Ronald Cote
Marketing

Stephen M. Cote
Finance

C

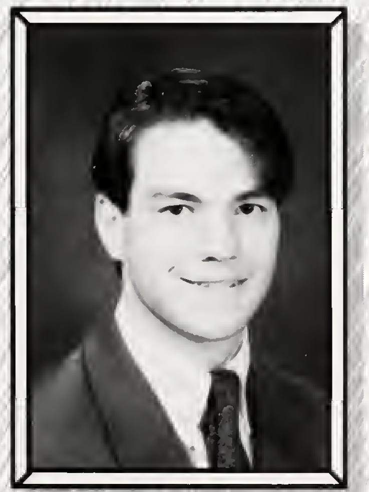
Rosamond P. Cotter
Accounting

Kevin F. Coughlin
Finance

Cynthia L. Cox
Management

C

Michael K. Cox
English



Richard J. Crosby
Management

Cynthia M. Crosthwaite
Marketing

C

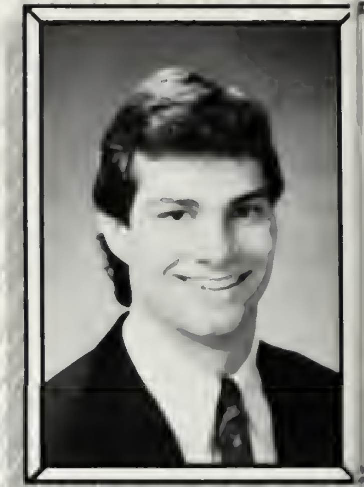
CHRISTINE DEANS

Starting my education as a continuing education student and later transferring to days, allowed me to see student life from a different perspective. You don't have to be a resident at Merrimack College to be a part of the Merrimack community. The most important skill that students need to gain is how to work with and understand different types of people. Learning to communicate should be seen as part of your education and will help you decide your future goals.

"One day at a time - this is enough. Do not look back and grieve over the past, for it is gone...and do not be troubled about the future, for it has not yet come. Live in the present, and make it so beautiful that it will be worth remembering." - Ida Scott Taylor

John S. Crowe
Management

Jennifer M. Crowley
Marketing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Finance

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Psychology

Michelle L. D'Arrigo
Marketing

Rhonda A. D'Avolio
Political Science

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Psychology

Shannon E. Deary
International Business

James Deblois
English

Edward Debruyn
Finance

Shirrie Degennaro
Sociology

Elise M. DelGaudio
Marketing

Thomas DeMarchi
nglish

Alicia M. Dembrowsky
Marketing

Kristen L. D'Eramo
Sociology

oann Derrico
athematics

Jason A. Deschaine
Management

Christina DiAngelis
Psychology

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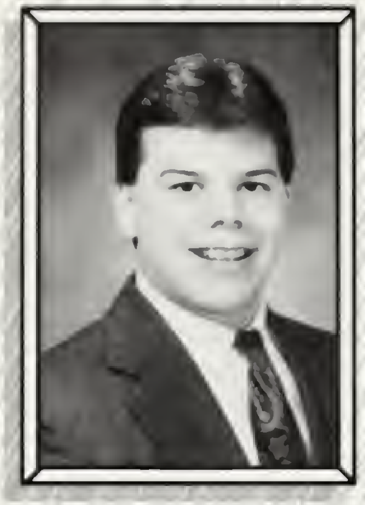
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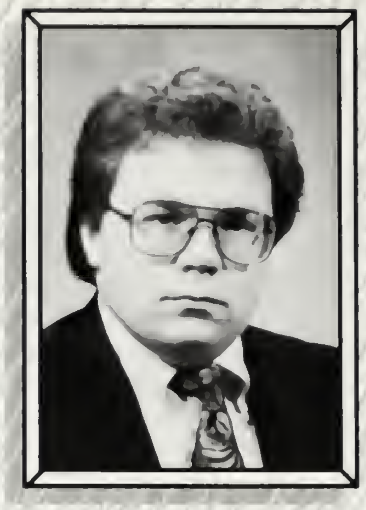
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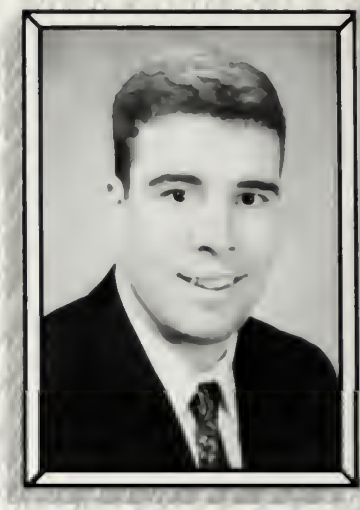
Management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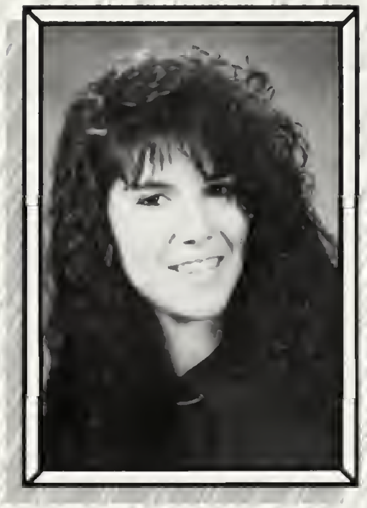
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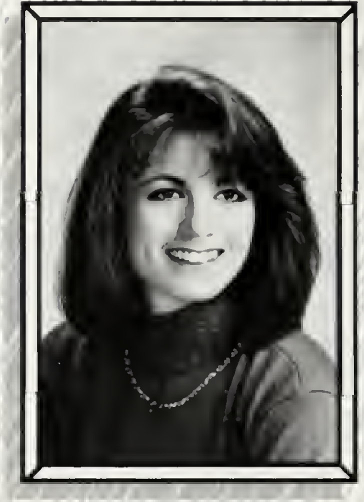
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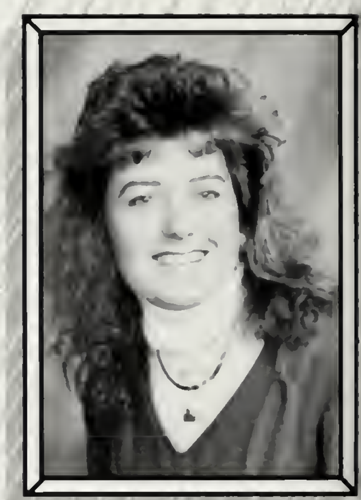
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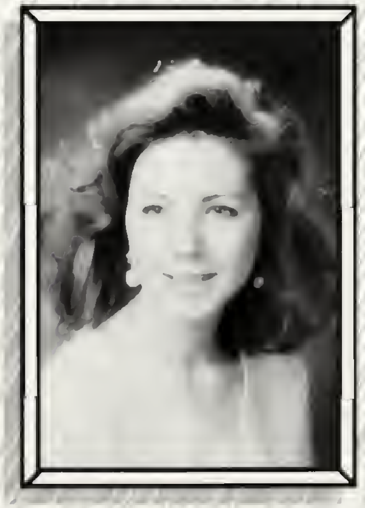
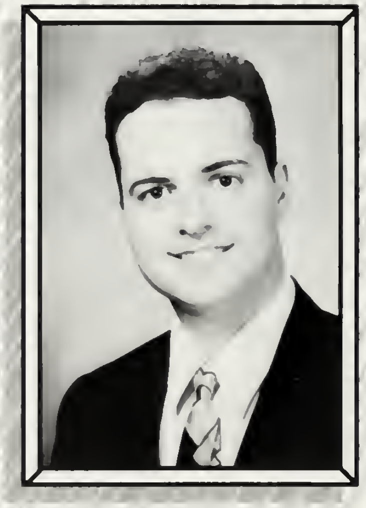
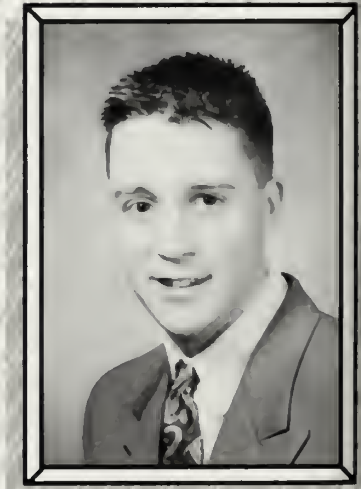

Martha E. Doherty
Marketing


David B. Donabedian
Management


Michael J. Doneghey
Sociology

Timothy Donohoe
Marketing

Bernadette Donovan
English

Stephanie Donovan
Management

Keith P. Doringer
Civil Engineering

Christine Driscoll
Sociology

Leonard T. Duffy
Sociology

Jennifer B. Dwyer
Marketing

Lee A. Dziadosz
English

Timothy G. Egan
Management

TIMOTHY EGAN

Timothy Egan's four years at Merrimack were definitely a complete "college experience." Tim was a very active member of SGA and was inspired to create a positive future for Merrimack. In his third year with SGA, he became President. Tim's goals and accomplishments during his term were quite impressive, included was his unprecedented meeting with the Board of Trustees. He credits most of his success to the strong relationship with his executive board as well as the continual support from his friends. The members of Student Life and Student Activities constantly respected Tim's opinions and concerns and he felt that they played an intricate role in his success. Above all Tim was a solid student and often times enjoyed the social aspects of Merrimack. "I received a complete education at Merrimack and overall I think I am a much better person because of it. I would like to thank all of the people I worked with over the years, and most importantly, my friends, for their constant insults and entertainment which often times inspired me."

E

Shelley M. Ehrmanntraut
Marketing

Steven J. Ehrmanntraut
Management

Richard K. Fallon
Electrical Engineering

F

Kristin L. Fanara
English

Troy W. Farfaras
Management

Michelle E. Fay
Accounting

F

Christopher M. Fazzio
History

Lisa A. Feeley
English

Alex Fernandez
Electrical Engineering

Kathleen Flanigan
Management

Leta M. Fongemie
Sociology

Marie Fortuna
Psychology

Teal J. Fowler
Marketing

Lisa Fruhbeis
International Business

Michael D. Fruhbeis
Marketing

Keara A. Funck
English

Bridget E. Funkhouser
Marketing

Rosemaree A. Gagliardi
Accounting

F

F

G

G

G

G

Michael R. Gagne
Electrical Engineering

Catherine M. Gallagher
English

Mary F. Gallagher
Marketing

Tracy A. Gallo
Psychology

Debra A. Garand
Psychology

Shawn Garrett
Accounting

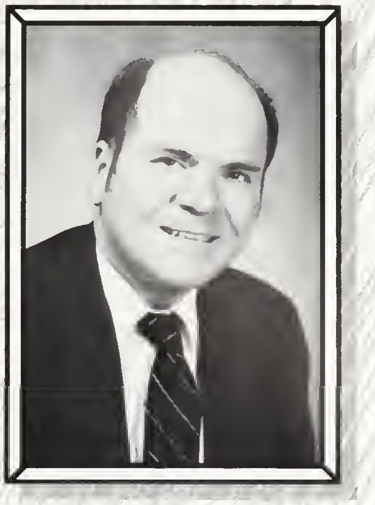
John P. Gemmell
Political Science

Jodi A. Gennaco
Psychology

Dave Gianotti
Political Science

Juliette C. Giguere
Marketing

Jennifer E. Gleason
Psychology



Wayne Goddard
Human Services Administration

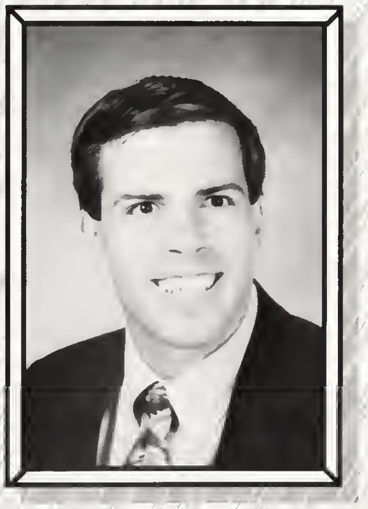
Nathalie C. Grady
Political Science

Danny Gravelle
Marketing

Tania A. Guimond
English

Denise Guttenberg
Accounting

Janet M. Haley
English



John M. Haley
Computer Science

G

G

H

MICHAEL HART

My name is Michael Hart. I am an Accounting Major from Hingham, Ma. I played football here Freshmen Year and was very disappointed when the program was dropped. I have been both the Junior and Senior Class Presidents. I have worked extremely hard for two years to organize successful events. This shows because both the Junior and Senior Weeks were a big hit. I see Merrimack continuing to grow in the future, offering the students more. I would like to wish everyone in the Class of '93 the best of luck. I would like to thank the Student Activities Office, Fr. Patrick, Dr. Joseph Kelley, Maryanne Tierney, Peter Paladino, Sandy Lindley, and my family and friends for all the support and guidance they have given me.

Eva A. Hall
Psychology

Jessica Hanna
Sociology

Lori Hanning
Mathematics

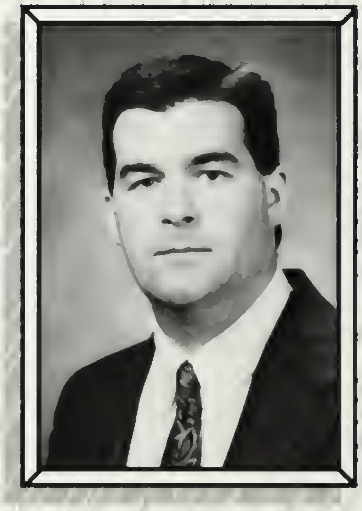
Katina Hantzis
Accounting

Amy K. Harper
Psychology

Jennifer A. Harrington
Management

H

Ann Marie D. Harris
Political Science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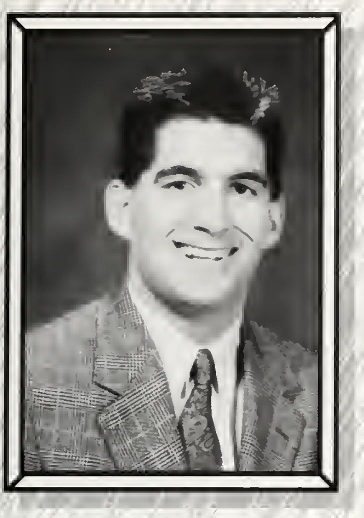
Accounting

Kristen M. Haverty
Psychology



Matthew J. Hayes
Marketing

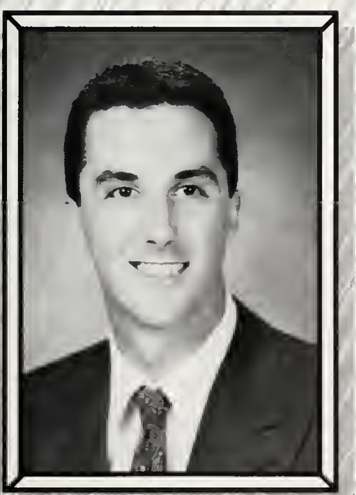
John Healey
English

Keith J. Hession
Psychology

Robert Hilston
Political Science

Jeffrey A. Hopwood
Accounting

Debra A. Hourihan
Marketing



Thomas W. House
Marketing

Jennifer Huckleberry
Psychology

Jennifer L. Hudson
Psychology

H

H

H

DAVID M. JOSSELYN

A Merrimack education provided Dave Josselyn with a lot of things, the most important of which was not a degree. "Opportunity," he said, "is one of the things Merrimack has in its favor. The school has taken knocks in the past for having an underinvolved student body. Students should realize that what this means is that there are far more opportunities to become involved than they would get at a larger private or state University." Dave transferred to Merrimack College as an English major after spending a semester at Holy Cross as a Biology major. "I never really wanted to go into Biology, but everyone told me that writing wasn't a practical way to earn a living." But that didn't stop him from coming to Merrimack and quickly becoming involved as a writer and then an editor for the *Alternative Voice* magazine and the *Argus* student newspaper as well as working as a peer tutor in the Writing Center. Mr. Josselyn hopes to make all this work writing eminently practical by obtaining a graduate degree in journalism and becoming a member of the dreaded Media. "My career goal is to become the kind of person that George Bush has been complaining about for the last four years."

David M. Josselyn

J

Michelle D. Humphreys
Marketing

Susan N. Iannelli
Marketing

Lori A. Indresano
English

Heidi G. Jenkins
Sociology

Derek Jenner
Accounting

Katherine Anne Jennings
History

Brian H. Jerry
Accounting

David M. Josselyn
English

Donna K. Kalogianis
Management

Heather Kane
Finance

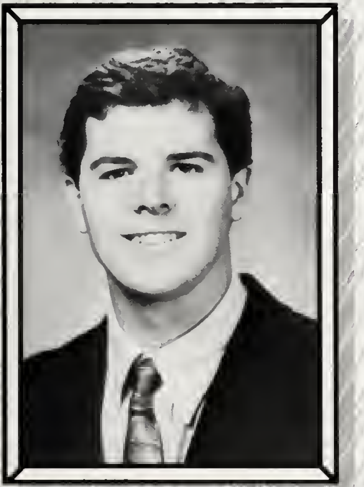
Sheila L. Kavanagh
History

Maureen A. Kelledy
Marketing

Douglas G. Kelly
Marketing

Eric T. Kelly
Accounting

Julie E. Kenny
English



Kevin M. Kerrigan
Accounting

Geoffrey Scott King
Finance

Kelly K. King
Psychology

SHEILA KAVANAGH

How does one do justice to the four best years in one paragraph? The great times shared with friends can not be expressed in words and will not be seen on a resume. Xi Lambda Psi, Orientation Coordinator, M.O.R.E. Retreats and Big Brother/Sister are only a few organizations that helped me live a busy "Merrimack Experience." It was more than just the organizations themselves. It was the incredible people and friends in them. A thousand memories were made from the first night of freshman orientation to graduation day and a hundred people to thank for them. The "roommate talks", Red Sox games, "new best friends" on retreat and "dry" O.C. Weekends are memories we all leave behind. I'll never forget these times and the friends that made them all happen. Thank you Campus Ministry, History Department, Merrimack and most importantly MOM.

K

K

Eric R. Knox
Marketing

Eric Konieczko
Business Economics

Constance M. Koziell
Psychology

L

John. F. Kurdzionak
Management

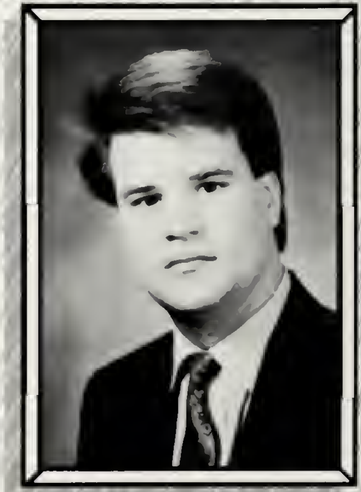
Elizabeth A. Labelle
Marketing

Cherie A. Lafreniere
Management

L

Donna M. Lagasse
Psychology

Gilbert J. Lamarre
Marketing


Wilfred J. Lamon
Management

Edward C. Landsiedel
Management

David K. Lane
Finance

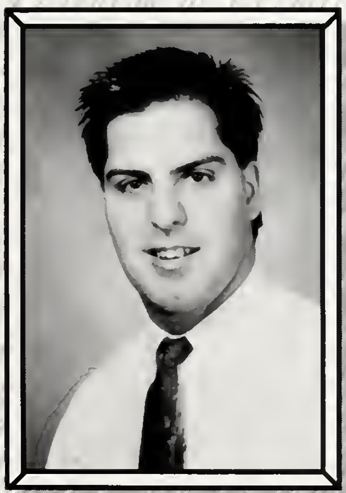
Susan Langlois
Psychology

Christopher Larcome
Accounting

Laurence R. LaRochelle
Management

Lisa Ann LaRosa
Accounting

Sandra Lavache
Management



Jason J. Lawton
Marketing

William P. Lazdowski
Finance

L

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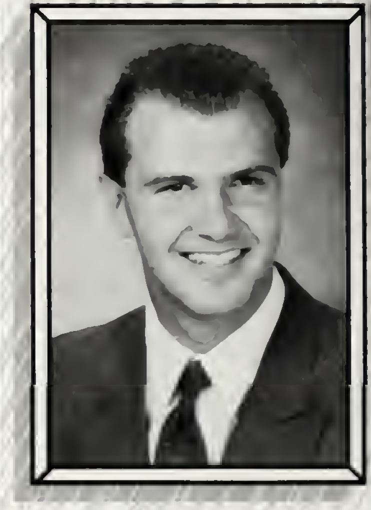
Jeffrey LeDuc
Management

Doreen S. Lemay
Marketing

Danielle P. Lentini
Psychology

Tricia A. Lentz
English

Nancy G. Leonard
English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Management

Eric C. Lingerman
Management

Janet K. Lombardo
Finance

Christina M. Longden
Sociology

Stephanie L. Loubier
History

Leopolodo P. Lucero
Sociology

Sarah A. Lucey
Sociology

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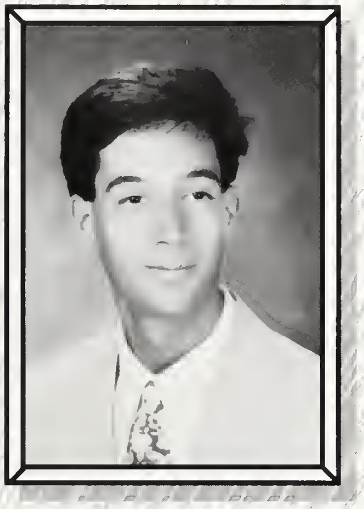
Eric J. Lusignan
Psychology

Joseph R. Lussier
Finance



Philip M. Lynch
Marketing

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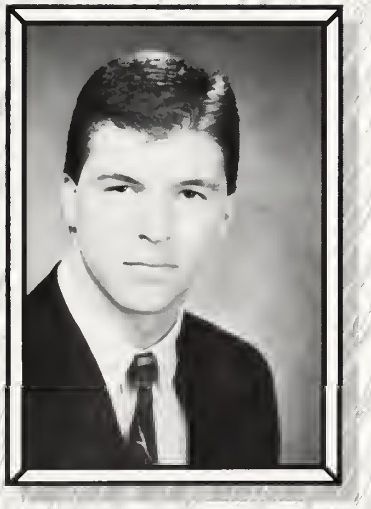
Kerry L. MacDougall
Psychology

William M. MacIntyre
Marketing



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Finance

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David A. Maglio
Accounting

David B. Mahoney
History

Salvatore J. Marino
Management

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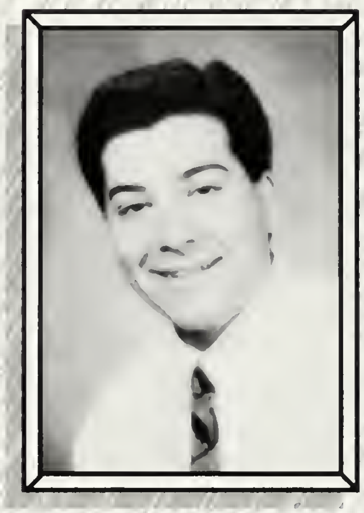
Christopher J. Maroun
Management

Roseann Matteo
Marketing

Lisa M. McColgan
English

M

Mary K. McCormack
Finance

Christopher C. McDermott
Sociology

Sean McDonnell
Political Science

Michael J. McElligott
Management

Brian J. McGrath
Finance

Sarah E. McGrath
English

Michael B. McHale, II
Civil Engineering

Clare N. McInerney
Sociology

Christine McIsaac
Accounting

Cynthia L. McKeever
Accounting

Michael J. McLaughlin
Finance

John J. McNaught, III
Sociology

Kurt D. McPhee
Psychology

Michelle A. McWilliams
Accounting

Kirsten A. Menary
Psychology

Krista Merullo
Marketing

Robert F. Merullo
Management

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Mathematics

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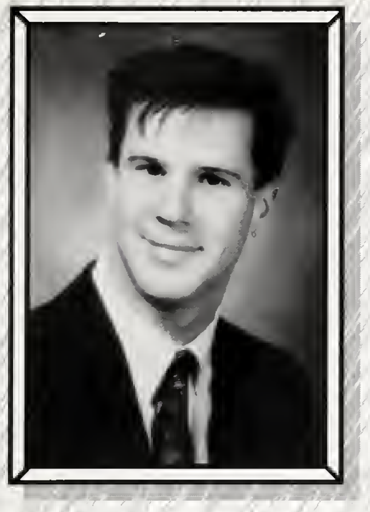
Thomas P. Miller
Management

Mary-Beth Morin
Psychology



Matthew N. Mozzer
Marketing

Timothy L. Mulhern
Computer Science

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International Business

Janine M. Munsill
Political Science

James Murphy
Management

M

Shannon M. Murphy
Psychology

Kieran N. Murray
Political Science

Philip Musumeci
Accounting

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Marianne R. Navetta
Management

Daniel J. Neri
Marketing

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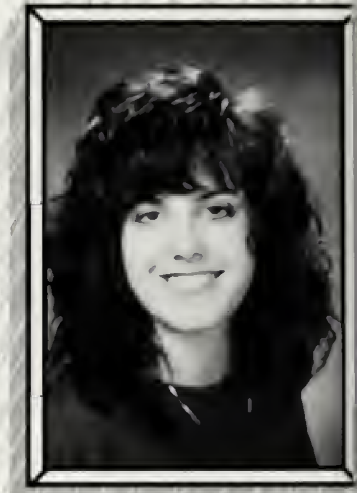

Cherie D. Noiseux
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History

Maureen T. Nolan
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Paula A. Norton
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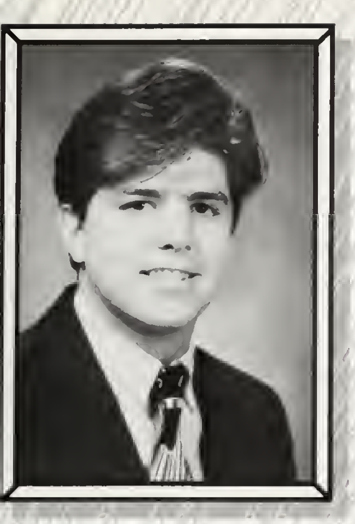
Patricia A. Novelli
Chemistry

Ellen Frances O'Conno
Accountin



Jorge A. O'Connor d'Arlach
Civil Engineering

Julie Oriola
Marketing

Christian D. Ormond
Marketing

O

Lisa A. O'Soro
Management

Ronald E. Ostiguy
Computer Science

Michelle A. Page
Accounting

O

Janeen Paghera
Marketing

John J. Paine
Sociology

John J. Pallaria
Finance

P

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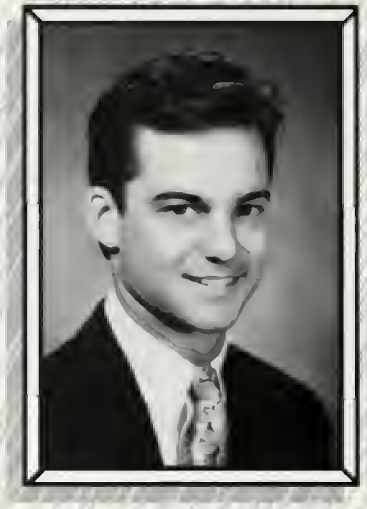
Kelley A. Panek
Sociology

Wendy L. Pariseau
Accounting

Daniel V. Pastore
Accounting

Michelle D. Percoskie
Biology



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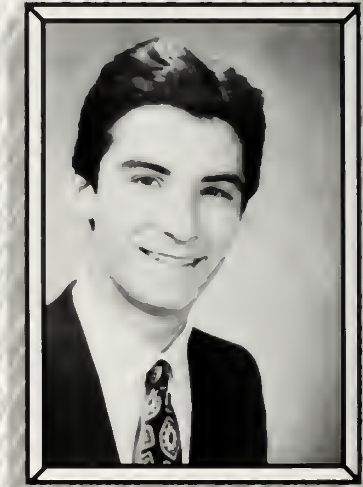
Civil Engineering



Brian R. Pilat
History

Heather A. Pisinski
Psychology

Renee J. Pizzano
Political Science

Anna Polci
Political Science

Ronald C. Pollina
Marketing

Peter C. Pollini
Finance

Michelle M. Pomerleau
Marketing

Jeffrey Potamis
Finance

Nancy D. Potter
Finance

Rita L. Potter
Chemistry

Tracy L. Qualters
Psychology

Allison C. Quinn
Sociology

Kathryn L. Quinn
Sociology

P

P

Q

Guy G. Ragault
Electrical Engineering

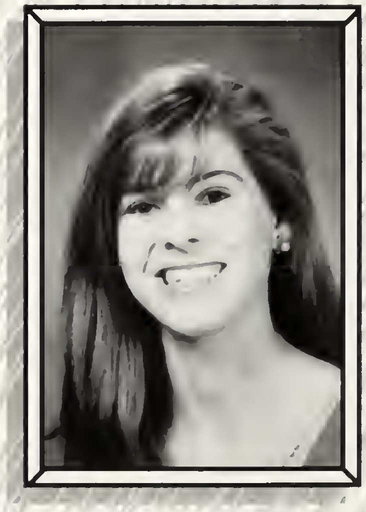
Richard E. Raiche
Civil Engineering

Kevin Rando
Marketing

Regina Rapp
Accounting

Paula M. Reale
Marketing

Jennifer M. Reddish
Sociology



Amy W. Reilly
Sociology

Jennifer A. Reilly
English

Carolina E. Reyes
Accounting

Rachel P. Reynolds
Marketing

Patrick J. Richard
History

Chrisopher G. Riley
Finance

Cheryl A. Rita
Accounting

Beth Roach
Accounting

Melissa A. Robinson
Accounting

Joline A. Romano
Psychology

Ellen E. Romanowski
Accounting

Theodore Rose
Political Science

R

Mildred Y. Ruiz
Accounting

Jennifer C. Russo
Psychology

Gianmarco Salzano
Marketing

S

Jeanne M. Sarno
Business Economics

Dominique Savinelli
Chemistry

Marie E. Schnyer
Accounting

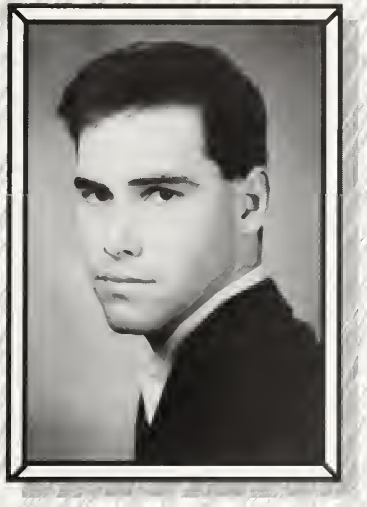
S

Victoria Schoenhaar
Sociology

Robert Sciaudone
Accounting

Michael G. Scott
Finance

Kristen Shallow
Marketing



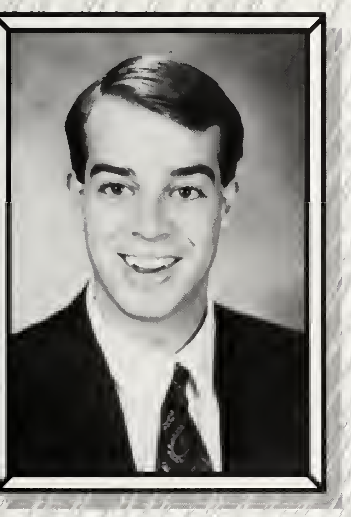
Justin S. Sheehan
Management

Gina Marie Silva
Political Science

Phillip G. Silva
History

Jennifer A. Siuda
Psychology

Jennifer Slosek
English



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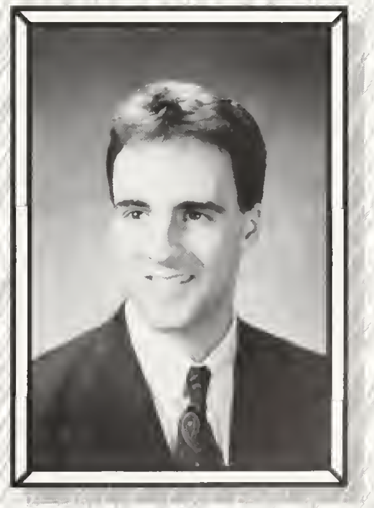
Marketing

David Smith
Political Science



Jeffrey G. Smith
Marketing

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Kristin M. Smith
English

Kimberly M. Sousa
English

Catherine M. Sroufe
Chemistry

James B. Stanford
Civil Engineering

Melissa A. Stanganelli
Management

Sarah K. Stanton
Psychology

Susan E. Stevenson
Marketing

Maureen M. Strong
Accounting

Jamie B. Strout
Management

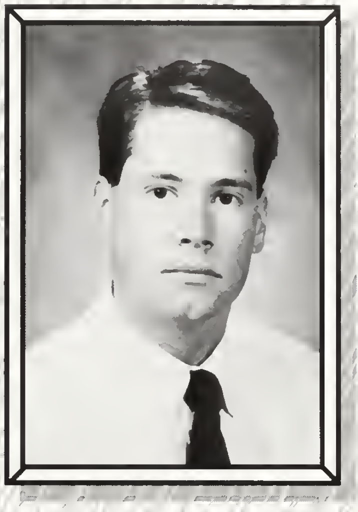
Severino Suarez
International Business

Kimberly Sullivan
English

Kyrsis Sullivan
Accounting

Molly Sullivan
English

Richard Sullivan
Civil Engineering


Glen B. Summerton
Finance

Julie A. Swanson
Accounting

James F. Sweeney
Accounting

Karen E. Tangney
English

T

T

T

David F. Tarantino, Jr.
Management

Ramona Tejada
Accouning

Jennifer Terraciano
Political Science

Jennifer Terwilliger
Marketing

Maryanne Tierney
Management

Chrisitine J. Tighe
Marketing

Beth Tilden

Tracy M. Tirollo
International Business

Denise A. Tisei
Marketing

Angela M. Titone
Marketing

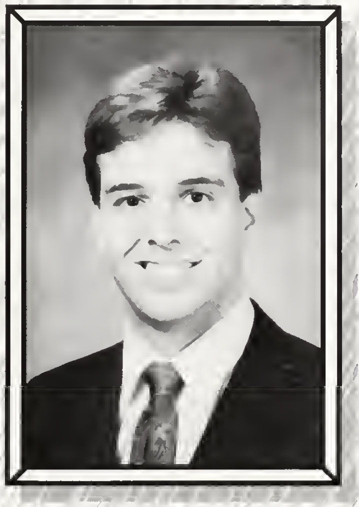
Gregory J. Tormey
Marketing

Albert J. Varga
English

T

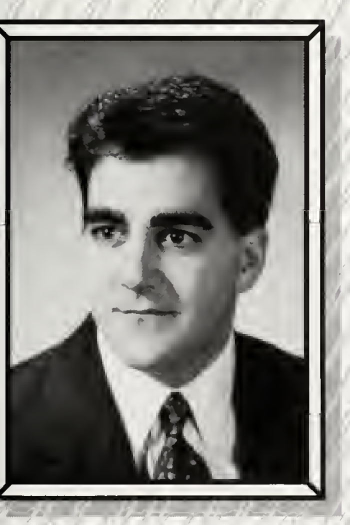
Wallace J. Varga, Jr.
Accounting

Jeannette M. Vargas
Psychology



Anthony Velardo
Finance

V



Dean M. Velardocchia
Electrical Engineering

Rose C. Vitale
Finance

Jennifer B. Vito
International Business

V

KAREN WALTERS

Now that Karen's college career has come to a close, she has had the chance to think about the choices she's made and the experiences she's had at Merrimack. The friends she has made along with the organizations she has been involved with are very important to her for the main reason that they have helped her grow and made this journey such a special one.

Karen has accepted many challenges along the way, the greatest challenge being her study abroad. She traveled to Salamanca, Spain, in the summer of 1992 to study Spanish, and she feels that Spanish was not the only thing she learned. Traveling on your own and becoming a member of a new culture is something she would recommend to anyone. It not only allows you to see what you are truly capable of, but also enhances your self-esteem. When you return, you appreciate all that you have within yourself and your life. This journey was the largest contribution to her learning and she is grateful to her parents and God for giving her such a wonderful opportunity.

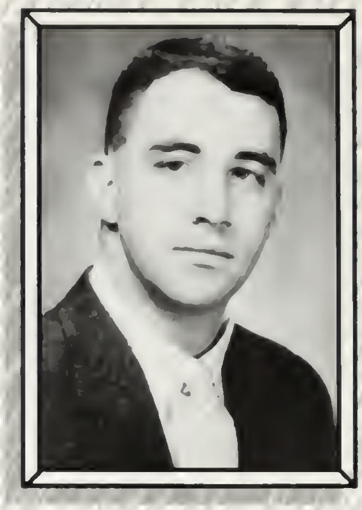
Karen has been very busy over the past four years with the Student Government Association, Orientation, and M. O. R. E. Retreat. But most of her free time has been devoted to the On-Stagers Dramatic Society, as president and participating in the performances. She values the theatre group for opening her eyes to her love for the stage and her dramatic and musical abilities.

As a Political Science major, Karen thought she had made the wrong college choice, but without these special experiences, she would not have learned so much about herself and her interests. She plans on continuing with school, but this time focusing on musical theatre.

Karen would like to thank Tom Kirkman, Fr. Kevin Keelan, M. O. R. E. Retreat Program, Prof. Margaret Kane, and Prof. Sears. Very special thanks to Mom, Dad, Kelly, Jim, and her close friends for all their support and love.

"It is not the destination, but the journey that matters throughout your life."

Thomas E. Voislow
Accounting



Brian D. Walsh
Management

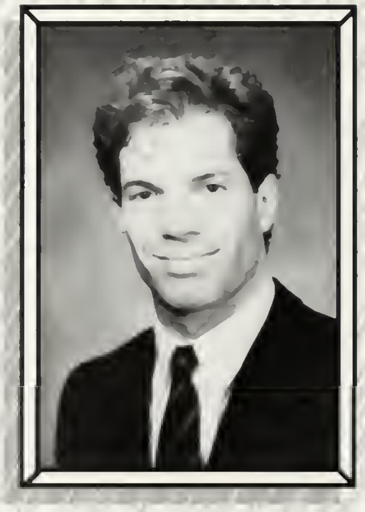
Debra A. Walsh
Economics

Karen Walters
Political Science

John M. Watson
Civil Engineering

Ann Marie Webb
Marketing

Teresa A. Wegehenkel
Accounting



Alexander P. Weinrich
Marketing

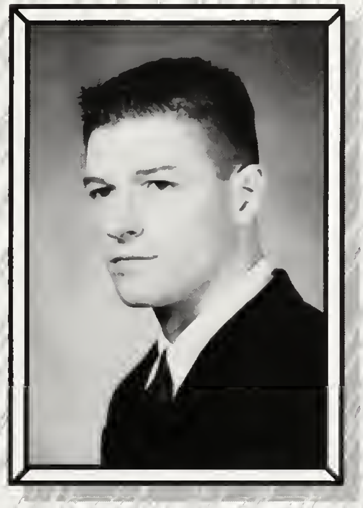
Daisha L. Wescott
Civil Engineering

Scott Whalen
Accounting

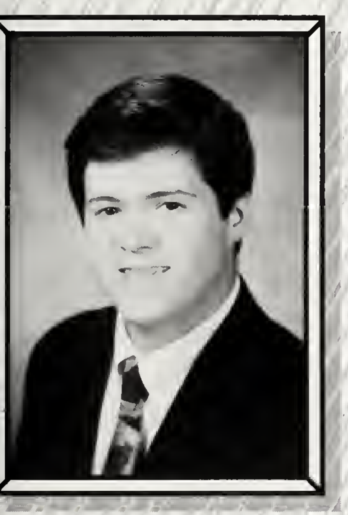
Allison C. Whittredge
Marketing

Allison Williams
Psychology

Karen Elizabeth Williams
Management


W. James Winter, Jr.
Marketing

Karen J. Wisniowski
Political Science


Francis J. Wizboski
Psychology

Alan P. Wolcott, Jr.
Electrical Engineering

Kara A. Zaccardi
Finance

W

Z

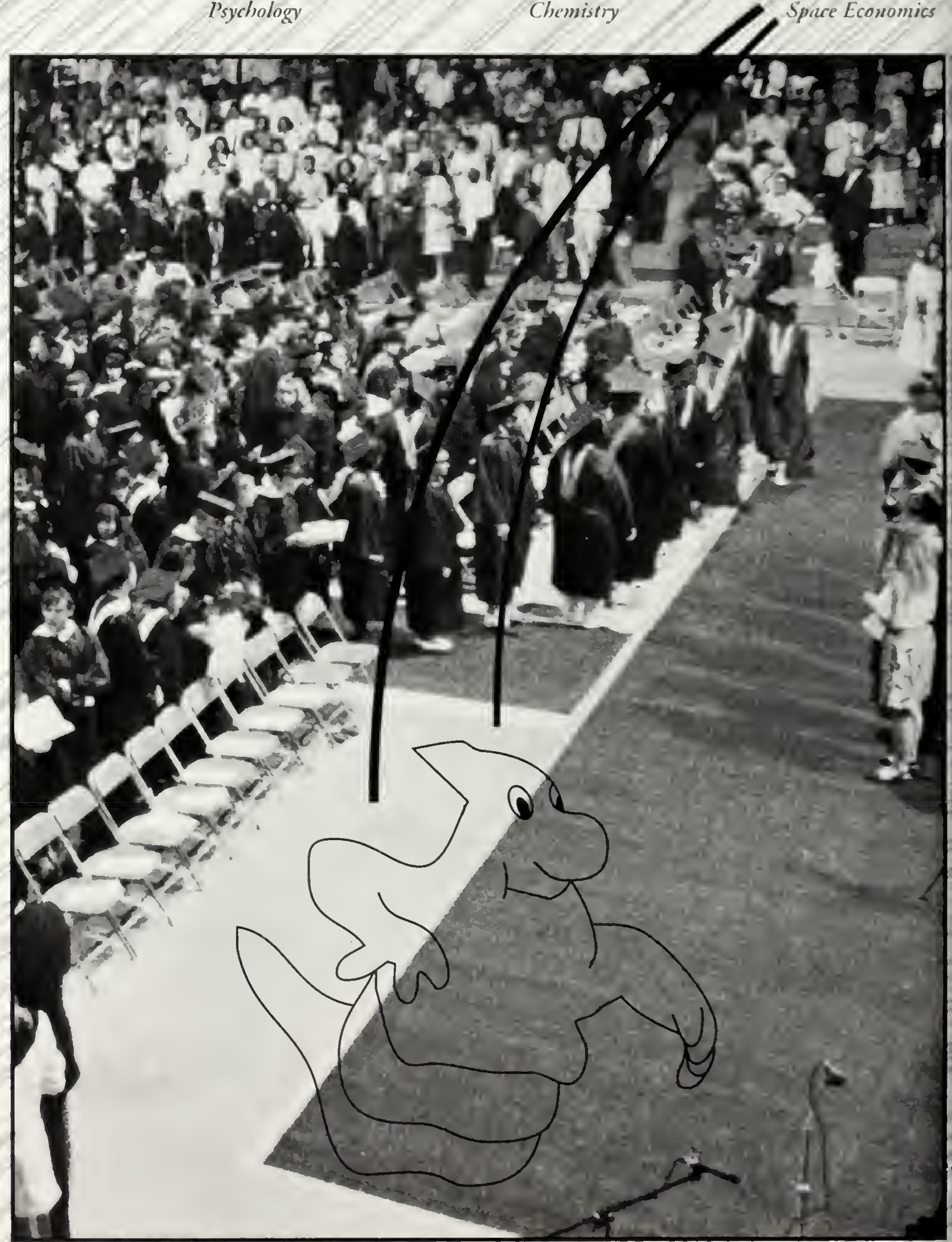
NICOLE ROMANO

I am a Psychology and Elementary Education major and I live in Billerica, MA. I have to say these past 5 years have been the best years of my life. If I had to do it over I wouldn't change a thing. Becoming involved with the On-Stagers, O.C., Class Council '92, MORE Retreats, RCIA, Merrimaction, and XLP has been the best. Remember—There's no such thing as being too involved! All the time and effort I've dedicated has given me so much in return. The memories and friends I've made I will have forever. To all my sisters of XLP—I Saved The Best For Last!! To Jeanne, Melinda, Leanne, Kim, Erika, Sheryl, Carol, Tina & Gina, Kevin, Brian, Phil, Cheeks & Claude—I Miss You and Love You All! Above all, Thanks to my Mom and Dad for making the sacrifices that truly made this all possible. I hope you realize what you've given me. You are my strength. I LOVE YOU!

Nicole Romano
Psychology

Heather A. Sulkowski
Chemistry

White "Whitee" Space-Mönstah
Space Economics



The Student Liturgy

SEPT 26

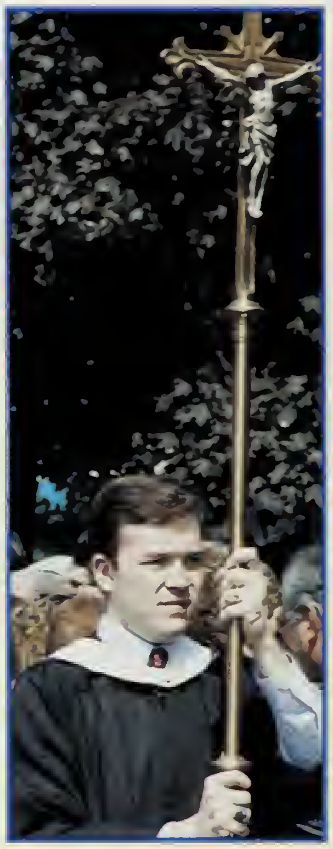
Senior Prom

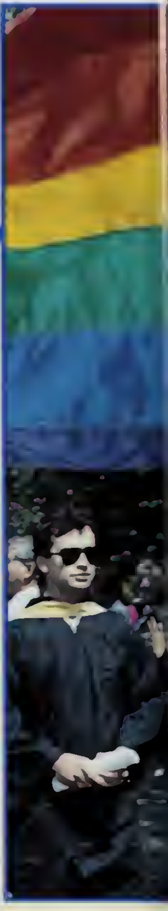
Photos by Purdy Vantine Studio

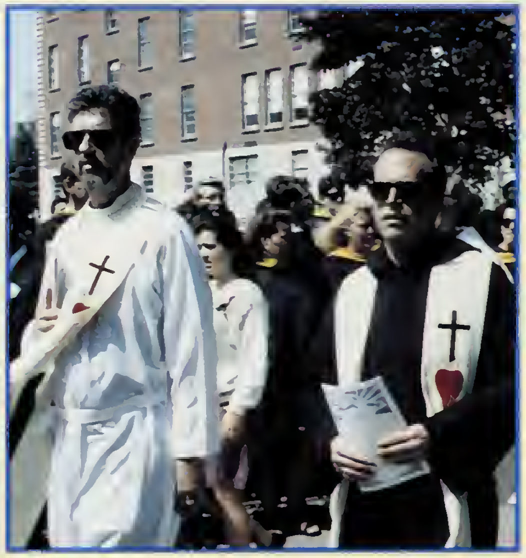
Photos by Purdy Vantine Studio

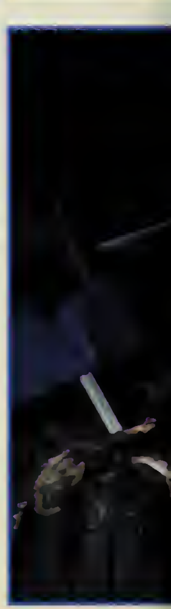
Photos by Purdy Vantine Studio

Graduation









Photos by Purdy Vantune

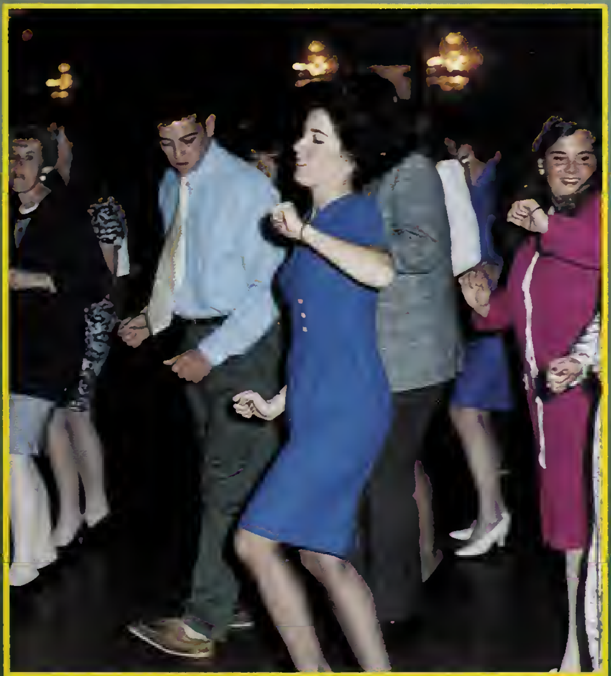
Photos by Purdy Vantine

Photos by Purds Vantine

Photos by Purdy Vantine

Senior Banquet

Photos by Purdy Vantine



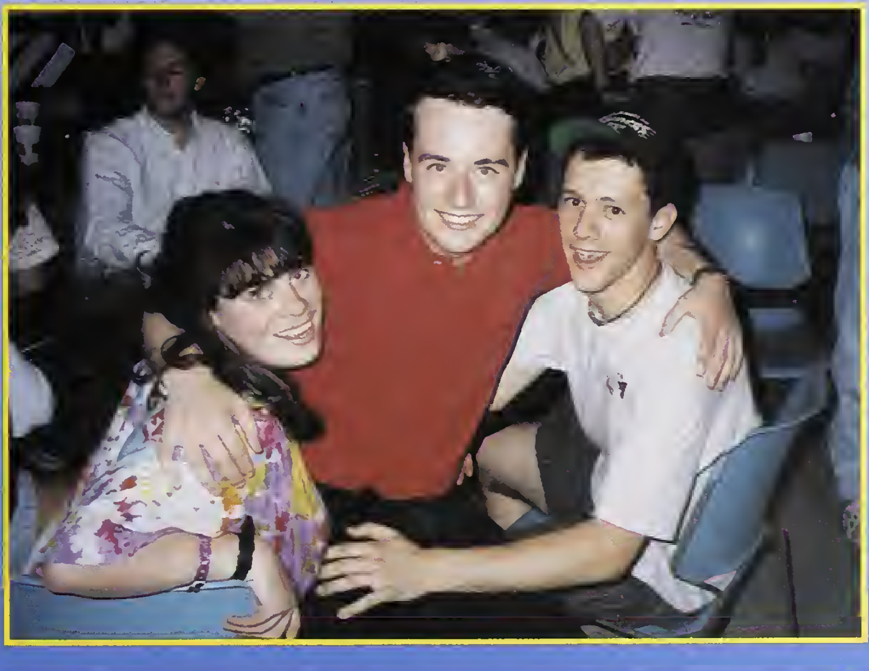
Photos by Purdy Vantine

Photos by Purdy Vantine

Photos by Purdy Vantine

Senior Pub

Photos by: Purdy Vanune



Photos by Purdy Vantine

Photos by Purdy Vantine

Photos by Purdy Vantine

Photos by Purdy Vantine Studio, and by Debra Hourihan

Rich Alimenti -

Congratulations and best wishes. We are proud of you. Enjoy this special time. You deserve it. Happiness and health. Look outworld-here he comes! We love you.

Mom and Dad
Alimenti & 'Fred'

Joanna Barrett -

F
A
N
T
WE A
S
ARE T
I
PROUD C
!

JAMES,
ELAINE,
DANNY
& STEPHEN

Leah Jean Bishop -

Leah,

I love you for your sparkle when you walk into the room, for times we spent together though you grew up way too soon. You have that special something that makes life worthwhile. I'm so very proud of you for going that extra mile.

Here for you always,
Love,
Mom

Michelle Brien -

Congratulations Michelle!

We're all very proud of you, and wish you a lifetime of happiness and success in you future endeavors.

Love,
Mom, Dad,
Nicole, Paul and Jocelyne

Eric Brown -

Since you were born our hopes and dreams were for your success and happiness - you've gone a long way in fulfilling them. You'll make a difference -

Our love & pride always,
Mom & Dad

Gabriel Bruno -

Gabe,
Congratulations! We are very proud of you and proud to be your parents. Enjoy your graduation day.

All our love,
Mom & Dad.
Frank, Kathi, Liz,
Nickie & Midnight

Andrea J. Brush -

Andrea,
You've been practicing for this for years! You're the first in the family with a degree since dad. He'd be so proud of his only daughter. Follow you dreams.
Mom, Steve, Ronnie, Jason & Ken

Christopher J. Calvani -

Chris may all you touch turn to gold, with much fun love & success.
Kathleen & Mary

Chris,
Good health, great success and much love.
Mom

Chris,
You made it: success, happiness and a job.
Dad

Monica Erin Canty -

Congratulations - well done Princess! What a joy you have been to watch these four years. May challenge continue to follow you in the wonderful days ahead. God bless!

With love and pride,
Mom and Dad

Charlene Capone -

Charlene,
We hope you have enjoyed your "One big slumber party"!

Best of luck in all that you do!

Love,
Mom & Dad

Charlene Capone -

To my most-favorite sister Chucki,
I'm sorry I'm the one that chanted on that fateful day: "There's no Santa Claus, There's no Santa Claus"!
Lots of luck, Lots of love!

Your Big Sis

Kathryn Clisham -

We love you Kate, we think you're great!!

Christine Consolate -

Dear Christine,

Congratulations on you graduation. May God guide you through a lifetime of happiness and success. We wish you the best in your future endeavors -

Love always,
Mom, Dad, Peter and Andrea

Cindy Crosthwaite -

Dear Cindy,

From the day you were born your outgoing personality, generosity and sense of humor have ben a source of pleasure. We're glad you're part of our family.

Love,
Mom, Dad, Paul, K.C. & "Omar"

Jennifer M. Crowley -

Congratulations Jennifer! We're so very proud of you and what you have accomplished. Thank-you for all the wonderful memories. We love you very much.

Dad, Mom, Meredyth & Alissa

Matt Crowley -

Congratulations Chew! We are the luckiest parents in the world to have you for a son. Words cannot describe how very proud we are today and always. Follow your dreams and may you always find happiness.

Love,
Mom & Dad

Michael James D'Amico -

The path of success is worth the callenge to achieve it. It's hard to believe 16 years of school have passed. We're proud of you. Keep up the good work. You're sure to succeed!

Love,
Mom, Dad and Jon

Christine Deans -

Chris,

You've done what you've said you would. Congratulations! We know you could! Your inner strength, determination and will has seen you through. Your dreams will be fullfilled. We have no doubts, because we've done our job well too!

Love,
Mom and Dad

Shannon E. Deary -

Shannon,
Always try to:
Do your best,
Drive carefully,
Hug old people,
Enjoy serenity,
Pay your bills,
Love your brother
& sister and
Come Home to me.

I love you,
Mom

Kristen D'Eramo -

You broke us into parenthood and we could not love you more. We have been proud of you all your life. The world is a better place because of your love and laughter. You, Kim and David make our world go round.

Love,
Mommy and Daddy

Vincent DiGrazia -

Congratulations on your graduation with the class of 1993. May all your goals and expectations come true. May the future be filled with Good Luck, and fulfillment of your hard work and efforts.

Our Love and Best Wishes,
God Bless You.
Mom, Dad and Always, Richie.

Michael Dillon -

Michael,

You have filled our lives with so much love, happiness and pride. We hope all your dreams come true. You deserve the very best. You have created many memories for many people!

Love,
Mom, "D" and Kerry

Jennifer K. DiMento -

Was it only yesterday you were starting school? Best of luck as you start the next phase of your life. Love you and so proud of you, our "favorite" daughter and sister.

Martha Doherty -

Martha,

Congratulations on all your achievements and may your future bring much happiness and sucess. We're all so proud of you!

With love always,
Mom, Dad, Larry,
Tom & Jim

David Donabedian -

David,

Congratulations! We are very proud of you. We wish you good luck and good times always.

We love you
Mom, Dad and Deb

Bernadette Donovan -

Bobbie,
From when your feet first reached the floor, and even long before, you're all we ever hoped for . . . and much much more!

Love,
Dad, Mom, Gram, and Duffy

Stephanie Donovan -

We kept the best till last and we're glad we did. You've come a long way " baby "!

Love you,
Mom and Dad

Jennifer Dwyer -

Jennifer,
Congratulations! You made it! You have made me a very proud and happy mother. I wish you good luck, good health, much happiness and much wealth in your future. I love you very much.
Love,
Ma

Denise Dyer -

Denise,
We are extremely proud of you on your graduation. This is a great accomplishment in your life. We wish you all the happiness and success life has to offer.
Love,
Mom, Dad, Sisters, and Nana

Richard Fallon -

Congratulations Rick,
We are so proud of you and all that you have accomplished. You have given us so much joy through the years. May your fortune hold much love, happiness and success.
Love,
Mom, Dad, Bob, and Ron

Keara Funck -

Dear Keara,
May you be poor in misfortune, rich in blessings, slow to make enemies, quick to make friends, but rich or poor, quick or slow, may you know nothing but happiness from this day forward

- an Irish Toast

Congratulations! Love,
Mom, Dad, Julie & Amy

Catherine Gallagher -

Dear Cathy,
You bring sunshine and joy to everyone who knows you. Congratulations for all you've accomplished. We love you and wish you a lifetime full of happiness.
Love,
Mom, Dad, Betsy, John, David, Jimmy, and Niski

Nathalie Grady -

Nathalie,
You hit the ball over the fence you met all your goals and then some.
I am so proud to be your Dad!

Love and a great future Mom, Dad, George, Paul, Alexander and Margret.

Dominique Gran -

Your future is now a shiny, bright, red wagon filled with the fruits of your hard work. You can sit in that wagon and let someone pull you; or you can pull it around the world yourself. You can be proud of what you have accomplished. We are.

Congratulations and keep on pull'n and truck'n!!

Tania Guimond -

Congratulations, Tania! We're so proud of you, not only for all you have accomplished but for who you are and the lovely young womanyou have become. May you have love peace,health, and happiness, and may all your dreams come true.

Love always,
Mom, Dad and Joshua

Janet Haley -

Janet,
We are all very proud of you.

Congratulations!

Love,
Mom, Dad, Jack, Anne, Anne - Marie, Katie and Julie

John Haley -

Congratulations John, you have worked hard- we are all proud of you -

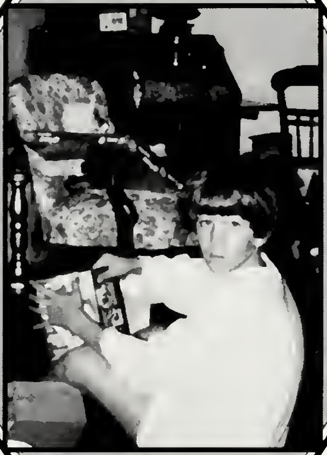
Love,
Mom, Dad,
Karen, and Brian

P.S. You have come a long way!!

Michael Hart -

Dear President Mike,
Congratulations! We are so proud of you and all you have accomplished at Merrimack. We wish you a future of health, happiness and success.

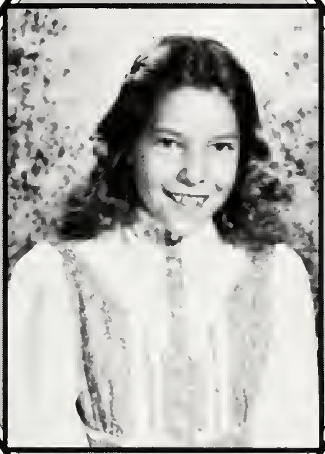
Love,
Dad, Mom, Rich, Patti,
Dan, John, and Matt



Matthew Hayes -

Dear Matty,
We wish you the very best for the future. You have made us so proud. Hope you enjoyed " college " and now on to reality -

Love,
Mom, Dad, Michel,
and Dani



Debra Hourihan -

Debbie,
Congratulations on all your achievements. You have made us proud as we watched you mature into a beautiful person. Our wish for you is for good health, love, happiness and success.

Love you,
Mom, Dad, and family

Jennifer Hudson -

We are proud of your accomplishments at Merrimack and the fine young womanyou have become.. We wish you success at B. U. and a wonderful future!

Love,
Dad, Mom, Randy,
Shawn, Phil, Dana,
Kurt, and Niko

Michelle Humphreys -

Your loyalty to family and friends,
Your love of life,
Your caring heart,
Your sincerity,
Your fortitude,
Your determination,
You Michelle, our daughter, are the best.
Love, God bless
Mom, and Dad
Happiness

Heather Kane -

Happiness has been watching our daughter grow —

Congratulations and good luck.

Love,
Mom & Dad

Maureen Kelledy -

Congratulations Maureen you have made us proud parents. We wish you success in your new career and may your future bring to you the fulfillment that you have brought to us.

Eric Kelly -

Congratulations, Eric, on recieving your degree in Accounting. We have faith in you and hope you have a wonderful, happy future.

Love,
Ma, Dad, Sara,

Kelly King -

Kelly, Congratulations!
We are so proud of you. May this be just the begining of many more successful and happy days. You are very special to us all.

Love,
Mom, Dad, Brian,
Kevin, and Brendon

John Kurdzionak -

John, you are always ready to open a new door. Congratulations on your graduation. You have our love and support for future changes.

Love,
Dad, Mom, and Dave.

Cherie Lafreniere -

Congratulations Cherie!!
You have worked long and hard and you more than deserve all the benefits your degree can afford. We are extremely proud of you.

Love,
Mom and Dad

Susan Langlois -

Sue,
We are very proud of you.
Love,
Mom and Dad

William Lazdowski -

To our son Bill,
Congratulations, we are very proud of you for what you have accomplished! We wish you a guture filled with love, happiness and success
All our love,
Dad, Mom, and Sparky

Doreen Lemay -

Dee!
You have always made us proud and you continue to do so now—
We are so very proud of our daughter and sister.
We love you,
Mom, Dad, and Mike

Danielle Lentini -

Danielle—
You share your love and knowledge in teaching and caring for children with infinite patience and insight.
I have nurtured you with boundless love — and you have made me so proud.
I love you,
Mom

Sara Lucey -

Sarah —
we are all so proud of you. the accomplishments, to graduate, to have played four years of basketball, to be with the same four people for four years, to have survived Essex St. Congratulations

Love,
Your family.

Philip Lynch -

Congratulations on your accomplishments. You have grown into a bright, sensitive young man that I am extremely proud to call "son."May your future be filled with health, happiness and much success. You deserve it!

Love you always,
Mom

Donald MacLeod -

Don,
Congratulations and best wishes We're proud of you.

Mom, Dad, and Bob

Lisa McColgan -

Dear Lisa,
We are so proud of you and the young woman you've become.
May you find the same happiness and live in your life that you've given to us.
We love you so much!

Michael McElligott -

Congratulations Mike!
We wish you love, happiness and success in everything you do.
We're proud of you.
Your the best.

Love Mom, Dad, Dave, Robin, Steve, and Pete

Clare McInerney -

Clare, Congratulations We are very proud of you. You've made us laugh, you've made us cry, but through all the trials and tribulations you've come out shining. We love you with all our hearts.
Mom, Dad, Ann, Mary, and Sean

Christine McIsaac -

Christine —Kindergarten through college you've always aimed high and succeeded. We're bursting with pride over your accomplishments! But really true Joy comes from you just being such a wonderful daughter!
Love always Mom, and Dad

Kristy Metelski -

Congratulations Kristy! We're all so proud of you and all that you have accomplished. Mrs. Harrington - you were so wrong. We feel fortunate to have such a wonderful daughter and sister. The best of luck for a very happy, healthy and successful future.
Love,
Your Famifly

Janine Munsill -

Congratulations Janine!
From you first days
and N. B. to your last
at Merrimack, you
have always made us
proud.

Love, Luck, and great
success,

Love,
Mom and Dad

Shannon Murphy -

Shannon:
Peace, happiness, great
success in your future.
All that hard work and a
25th anniversary
wedding shower,
wedding Andrew, and
presidential development.
We're very proud
of you.
Love ,
Dad, Mom, Rob, Nancy,
Doni and Midsy

Kieran Murray -

Dear Kieran Dad and I
are very proud of
you. you have come
a long way. Keep up
the good work.
Good luck in law
school.

Love,
Dad, Mom, Tom,
Noreen, and Steve

Marianne Navetta

Princess — All of us
are so proud of all
your accomplishments
at
Merrimack. Wish
you the best in your
future endeavors.
We love you very
much.
Love, Ma, Dad,
Michael, Joseph, Emily,

Paula Norton -

Paula,
Even when you were
a little mouse with
no front teeth we
knew that you
would grow up to
be a beautiful young
woman. We're very,
very proud of you!
Love,
Mom and Dad

Patricia Novelli -

Dear Patricia we are so
proud of you as we
have always been.
Keep your positive
attitude and all your
dreams will come
true. We love you
and wish you the
best.
Love Mom, Dad,
and Paula

Ronald Ostiguy -

Ron,
You started early with your wit. You've been responsibile, conciencious and a hard worker. Keep all these traits and nothing will keep you from going far!

With love from a proud Mom!

John Paine -

John:
Much love and congratulations for a job well done! We are very proud of you! But, Don't forget, John to always take enough time out to do those things that you love best.

Love,
Mom, and Dad

Kelley Panek -

Congratulations! We are all proud to be your second family. We wish you THE BEST OF EVERYTHING. You are always welcome here whenever you want to visit or stay. Happy future!

Love,
The Quinn's

Robert Parsons -

It was a long six years of scholl for all of us but I know it will be worth it. At times I never thought we would get to this point.

Good luck
We love you

Brian Pilat -

Brian,
It seems like only yesterday that you entered Merrimack as a Freshman and had this picture taken four years ago!

Congratulations!

Love,
Ma, Dad, Lynne, Ann

Anna Polci -

Anna,
You have grown from a cute little girl to such a beautiful woman.
St. Lazarus and Pope John seem like only yesterday. Yet today you're graduating from Merrimack!
Congratulations! No family could be prouder than we are of you.

Love,
Mom, Dad, and Bridgette

Michelle Pomerleau -

Michelle,
You are JOY that grows deeper each year. You are FRIENDSHIP so precious and dear. You are LOVE and just having you near brings Happiness into our hearts.
Love Mom and Dad

Kathy Quinn

Congratulations! Those 4 years went by too fast. The big task is ahead (Job Hunting). We are proud of you. Love Ya.
Mom, Dad,
Dottie, Chris, Bob
and Timmy, Eddie,
Kevin and Stephanie

Kevin Rando -

Dear Kevin:
Congratulations son on a job well done. We, your parents, are so very proud of you. May this major accomplishment be just the beginning of many more. God Bless, and best of luck in all you strive to do.
Always,
Mom and Dad

Jennifer Reddish -

Thanks for the memories—22 years of love. Laughter. Thank God you were not a twin! No regrets "Bootsie". See you at Nick's.
Love
Mom and Dad and
Grant and Michael

Cheryl Rita -

Cheryl,
There are not enough words to say how very proud we are of you and how much we love you. Good luck and may all your dreams come true.
Love,
Mom and Dad

Joline Romano -

Congratulations Joline, we are extremely proud of you and your achievment.
We never had any doubt about you accomplishing your goal.
The future is yours. Never stop reaching for the stars.
Love You,
Mom and Dad

Nicole Romano -

Nicole—
We are very proud of all your accomplishments. We never doubted you for a moment. You are one of our most treasured gifts. Congratulations! May all your hopes and dreams come true.

We love you,
Mom, Dad, Suzanne, and Louis

David Rourke -

May everything you want out of life be yours. Do the best that you can with what you know.

Love and friendship are the greatest things in life.

Jeanne Sarno -

Jeannie,
A happy little girl... A caring young woman, congratulations on believing in yourself and expecting the best. Grandfather would be proud of this "favorite dancer."
We love you!
Mom, Joey, Sean, Nana, and "Muffy"

Dominique Savinelli -

To Dominique Savinelli:
You have overcome great physical challenges and limited financial resources to graduate. You are a credit to your teachers, parents, and God. We love you.

Justin Sheehan -

Justin—
I have always been very proud of you; your sense of humor and responsibility along with your intelligence and honesty will take you far. I will always be here for you, as you have been for me.
Love,
Mom

Jennifer Siuda -

Jenn, we know it was a tough four years but we always knew you would make it. We are very proud of you and wish you success and happiness forever.

Mom, Dad, Tom.

Sarah Stanton -

A special baby, a wonderful daughter, the special person you are—we are so proud of the individual you have become!
God Bless you,
Love, Mom, Dad, Billy, Luke, and Kevin

Kimberly Sullivan -

Dear Kim:
Congratulations to our Merrimack College graduate. All your hard work and studies have finally been rewarded. Here's to your future and success. All our love and support forever.

Best wishes,
Love; Mom, Dad, Sean, and Marc

Julie Swanson -

What a way to bring a family to completion. May all the joy you have given us be returned to you a thousand fold. All this beauty, brains, and a great personality—what more can parents ask for. We love you sweets, may all your hard work now pay off..

Christine Tighe -

Christine:
The day has finally come that you've been waiting for. We are glad you stuck with it—we know it hasn't been easy. We are really proud of you on this special day. We wish you the very best for the future. Congratulations!
We love you.
Mom, Dad, Michelle and Dusty

Debra Walsh -

You've come a long way Baby.
We are so very proud of you.
May all of your dreams come true.

We love you!
Mom, Dad, and Cindy

John Watson -

Dear John,
Congratulations!
We're all very proud of you and your accomplishments.
We love you.
Mom, Kathy, and Tom

Allison Whittredge -

Allison, don't let anyone hold you back, except yourself.
—Pup—
"I waited for this day since the world began."
Smooth sailing.

Love, Mom

Kara Zaccardi -

Kara—We are very proud of you. You have worked very hard and now the day is here! We know that you have gained more than an education—you have gained love and a caring way—
Mom and Dad

Christina Longden -

We love you and are proud of you. Our wish for you is that you have as much love and happiness in your life as you have brought to our's. Congratulations and continued success at Fairfield U.
Love, Mother, Dad, and Sarah.

The Hypnotist James Mapes

Business Majors Presentation

John Boulanger

Karaoke

The Outdoor Concert

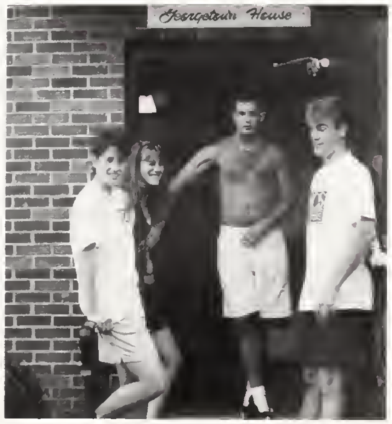
St. Nicks Semi-Formal

MERRIMACK
COLLEGE

MERRIMACK COLLEGE

Student Life

The Dorms


Georgetown House

The Warriors Den

Phi Kaps
ΦKΘ·NΦK

Greek Lip Sync.

.... S.S. ΑΔΓ

The Dunk Tank

The Quad

NBC

MERRIMACK COLLEGE
MC
INTRAMURAL
CHAMPIONS

ASSOCIATION FOR COMPUTING MACHINERY

Established in 1987 by a dedicated group of technical majors and the internationally recognized Association for Computing Machinery (ACM), our Merrimack College Chapter of the ACM is a young organization. Throughout the school year, our ACM chapter participates in and sponsors many activities, the most frequent of which are presentations and demonstrations about the facilities available on the VAX computers on campus.

In late October, we sent three members, Christopher Castiglione, Jean Henchey, and Christine Paradis, to compete in a regional programming contest at Providence College, RI. Three members also attended the 1993 Computer Science Convention in February, this year located in Indianapolis, IN, where they met the members of other student chapters from around the world. They attended special meetings and workshops for student chapter members including those focusing on leadership, fund-raising, membership drives, and chapter activities.

This April, we held our sixth annual High School Programming Contest. High schools from the Merrimack Valley were invited to send their four best programmers to compete against other high school students in the five-hour contest. The winners must solve the most programming problems in the least amount of time using VAX/VMS Pascal and BASIC.

Our many thanks go to the *Argus* for our new column, "Tips," the Information Technology Center for the use of their equipment and expertise, the Mathematics/Computer Science Department for their support, suggestions, and photocopying, and Carol Taylor of Student Activities for her help and understanding — we couldn't have done it without all of you!

THE ALTERNATIVE VOICE

Traditionally, the Alternative Voice has been a literary magazine on campus which allows its students and faculty to express themselves through poetry, essays, stories, and art. This year, several new features have been added. Music, book, and movie reviews, teacher interviews, and other ideas are also now a permanent part of the Voice.

Changes have also been made concerning the E-board positions. We have a new senior editor this year and we have also added a public relations position to the staff. The Alternative Voice will always value the free expression of opinions and ideas, but we hope that as these ideas grow and change, that we will continue to do so as well.

By Laura Duncan

The Argus

The students on the Argus worked hard in '92-'93 and upheld high standards for excellence. A small, young staff stepped in during the fall semester and took over the bulk of the workload, learning all aspects of the newspaper's operation: management, design, newswriting, and photojournalism. Commendations are due all of those staff members who will be leading the Argus in the coming years: Sophomore Chris Castiglione, Managing Editor this past year, who will also be joining the Co-op program in '93-'94; freshman Chris Cummings, who stepped in and not only authored two regular comic features but also was an excellent feature and profile writer; freshman Linda Dainis, who showed remarkable diligence in research-oriented articles; freshman Doug Farmer, who gladly volunteered for the political assignments nobody else wanted; freshman Brian Fry, who braved the ice and cold of the Volpe Center to become the Argus' new hockey writer; sophomore Amy Nelson, who has taken most of the duties behind the camera and increased the photo quality of the paper many times by allowing the Argus to develop its own film and prints; and freshman Brian Smith, who brought a refreshing outspokenness to our Editorial pages. Thanks and congratulations are also due this year's graduating seniors: Kathy Quinn, who was an indispensable part of our Question on the Quad and Focus series. Layout and Design Editor Kelley Panek, who took on one of the paper's most time-consuming tasks with quiet flair, and Advertising Director Heather Kane, who presided over the collection of more than $5,000 in ad revenue during her two-year term, helping us to computerize and modernize our operations.

David M. Josselyn
Editor-in-Chief, '92-'93

Commuter Council

COMMUTER COUNCIL

The Merrimack College Commuter Council helps to rally the commuter student population at Merrimack to become more informed and involved in activities on campus. Members of the Council serve as the voice of the commuters on several boards and committees. This allows for consideration of commuter issues and concerns. Another major purpose of the Council is to organize programs for commuters. We plan trips and activities which are geared toward the commuting schedule.

Some of the events we have held so far this year include our annual New York Trip and Dunk Tank Charity Fundraiser. The Warriors' Den was also the stage for outside artists during lunch time. Performers included magicians, balloonists, caricaturists, and musicians. The Council also gave Merrimack talent the spotlight during our Lipsync Contest and Pool Tournament which were part of the Commuter Week festivities.

Upcoming plans include a Boston trip, more lunch time activities in the Den as well as further work on commuter concerns.

We offer our congratulations to the entire Class of 1993 and our best wishes for whatever they pursue. We would also like to thank our devoted and hard-working members. Without their long hours none of this would have been possible.

Bobbie Donovan

Cooperative Education

COOPERATIVE EDUCATION

The most important functions of the Co-op Council are to represent the Co-op students' interests and concerns, and to sponsor events specifically for the students. The Co-op Council has sponsored and participated in more activities this past year than they have in the past five years. The council has made an energetic attempt at offering fun events for the hard-working Co-op students.

Another responsibility that the council has assumed is to change the line-up at the graduation ceremony. Due to the response from Senior Co-ops we wish to have the Co-op students recognized not only separately during graduation but before the business students. We feel this is appropriate because of: 1) the dedication of the co-op students to their education and their careers, 2) their longer commitment to Merrimack and the community, and 3) the fact that the Co-op program is separate from the regular degree offered at Merrimack. We feel that special and meaningful recognition should be given to these students.

The council also participated in an open forum to discuss how the co-op program could be changed to better accommodate future co-op students. This forum was attended by Elizabeth Chisholm, Professor Kathy Stevens, Professor Cathy Rich-Duval as well as dedicated co-op students. The discussions and concerns presented were extremely valuable and presented strong but fair grounds to alter the program for the students.

We would like to acknowledge the hard work and dedication that the Co-op Office has demonstrated to the program as well as the development and enrichment of the students. Elizabeth Chisholm, Martha Wright, and of course, Neil Wilson, have done so much for the Cooperative Education program. This includes the **high** percentage of job placement for the co-op students, even in tough economic times. A job well done! Neil has moved on, and is now the Director of Career Services at the New Hampshire College. We hope that they understand how lucky they are to have him! Good luck Neil!!!

We would also like to extend a warm welcome to a new member of the Co-op family . . . Katie LeBlanc!!! She is our new Job Developer. If you happen to be an Accounting or Finance major . . . she's the job expert for you!!

The Council would like to recognize Matt Miga '93 and Allison Falasca '94 for their "Recognized Employee" awards from the Keyport Life Insurance as a result of their performance within their co-op jobs. In addition, Christina Dos Santos '94 received a $1000 scholarship from her co-op employer, The Boston Globe! Congratulations all!!

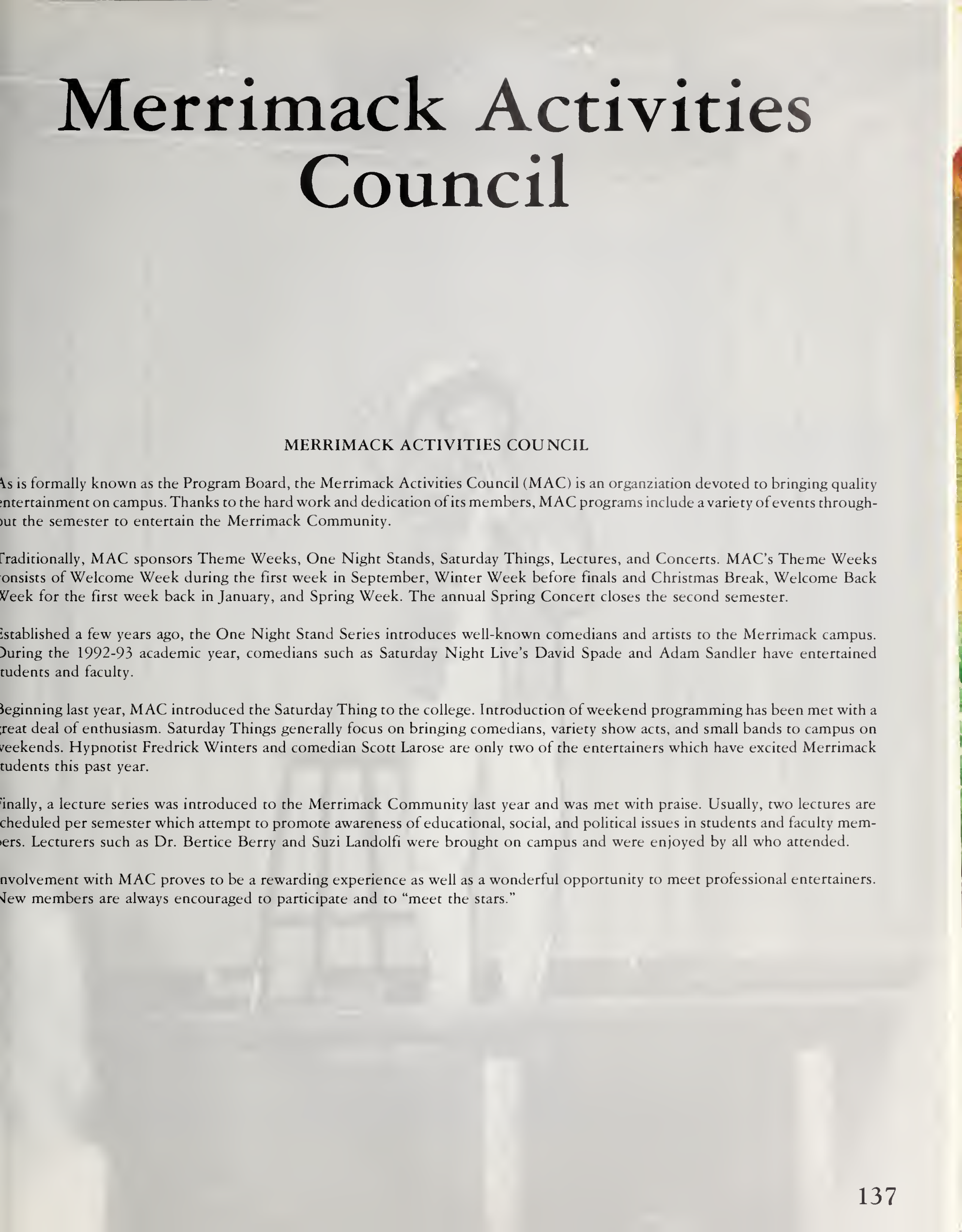
In the spring of 1992 the Council sponsored a 'Faculty & Student Softball Game' and cookout in Monican field. This is the first time that an event was held to bring the Co-op students and faculty members together. It was enjoyable for participants as well as spectators.

In the summer the Council sponsored a few events to make the summer school experience more pleasurable. The first event was 'The Car Wash' which was held in June. **WHAT A DAY!!** The weather was beautiful and sunny and the cars were absolutely filthy!! Nicky Gran '93 solicited traffic from Route 114 while Denise Dyer '93, Tom Trepanier '93, Matt Miga '93, Cheryl Muse '92, and last, but not least, Neil Wilson labored over the cars!! This event was so successful that we were able to raise enough $$ to sponsor a Cookout/ Softball game to rejuvenate the summer Co-op students.

The cookout was held in July on Monican field. Once again, it was a beautiful sunny day!! There was a ton of food, loud music, and we played soccer and softball all afternoon. It became a great day off for the attending Co-opers and a diversion from Business Policy and Accounting II.

In the fall a concerted effort was made by the Council to sponsor the First Annual Snowball Dance. It was originally planned for Co-op students only, but due to our **GREAT** planning, other clubs expressed an interest in this event. This became a tri-sponsored event among The Co-op Council, MAC, and The Freshman Class. A lot of work went into this dance and it was a **HUGE SUCCESS.** Attendance was incredible, the music and food were great, and there were plenty of drinks for everyone (of age, that is . . .). Special thanks to Derek Jenner '94, Denise Dyer '93, and Nicki Gran '93 for their hard work.

Merrimack Activities Council



MERRIMACK ACTIVITIES COUNCIL

s is formally known as the Program Board, the Merrimack Activities Council (MAC) is an organziation devoted to bringing quality ntertainment on campus. Thanks to the hard work and dedication of its members, MAC programs include a variety of events throughut the semester to entertain the Merrimack Community.

raditionally, MAC sponsors Theme Weeks, One Night Stands, Saturday Things, Lectures, and Concerts. MAC's Theme Weeks onsists of Welcome Week during the first week in September, Winter Week before finals and Christmas Break, Welcome Back eek for the first week back in January, and Spring Week. The annual Spring Concert closes the second semester.

stablished a few years ago, the One Night Stand Series introduces well-known comedians and artists to the Merrimack campus. uring the 1992-93 academic year, comedians such as Saturday Night Live's David Spade and Adam Sandler have entertained tudents and faculty.

eginning last year, MAC introduced the Saturday Thing to the college. Introduction of weekend programming has been met with a reat deal of enthusiasm. Saturday Things generally focus on bringing comedians, variety show acts, and small bands to campus on eekends. Hypnotist Fredrick Winters and comedian Scott Larose are only two of the entertainers which have excited Merrimack tudents this past year.

inally, a lecture series was introduced to the Merrimack Community last year and was met with praise. Usually, two lectures are cheduled per semester which attempt to promote awareness of educational, social, and political issues in students and faculty members. Lecturers such as Dr. Bertice Berry and Suzi Landolfi were brought on campus and were enjoyed by all who attended.

nvolvement with MAC proves to be a rewarding experience as well as a wonderful opportunity to meet professional entertainers. ew members are always encouraged to participate and to "meet the stars."

Marketing Association

MERRIMACK COLLEGE MARKETING ASSOCIATION

The Merrimack College Chapter of the American Marketing Association has brought to a close one of the most successful years of programs and activities in the history of the club. Our goal is to bring the fast-changing and fascinating field of marketing to students wishing to explore the opportunities that await them upon graduation. This goal was successfully achieved this semester as we sponsored both social and academic activities.

Emphasis was placed on planning activities that led to greater member participation and recruitment of new members. In just one short year membership increased by a whopping 52%! In addition, the Marketing Association is enjoying participation and membership from a wider array of academic disciplines such as Engineering and International Business. This is proof that one does not have to be concentrating in Marketing to enjoy the benefits of membership.

Traditionally, the Merrimack Marketing Association has been actively involved in sponsoring charitable events, both on and off campus, to aid the Merrimack Valley Community. In April 1992 we were awarded the "Best Fundraising Chapter of the Year" award at the International Collegiate Conference in New Orleans, Louisiana. This year was even better as we added a mentor tutoring program and a Fundraiser for the Boston Globe's "Globe Santa."

The annual Dunk Tank Festival was a chilling day for the professors who willingly donated their time and thrilled the students and fellow faculty! This sun-filled day of laughs and lots of water not only helped foster camaraderie amongst faculty and students but it also helped raise money for the needy families in Lawrence and Somerville. The Association also created and distributed Easter Baskets to their families. Of course, it didn't stop there. At Christmas, money was donated to the families to keep the spirits bright! The annual Spring and Fall Semester Survival Kits were a huge success.

As part of our intent to bring the world of Marketing as it exists today to the leaders of tomorrow, we were pleased to host Mr. Carlos Alvarez, the Founder, President and CEO of Gambrinus Importing Company, Inc. Gambrinus Importing Company of San Antonio, Texas, is the exclusive importer and distributor of the famous Corona Beer. Mr. Alvarez spoke of how Corona Beer is marketed in Mexico, the United States, and around the globe.

In the Fall, members of the club were fortunate to attend the annual regional conference at Johnson and Wales College. In April, the Merrimack Marketing Association attended the International Collegiate Conference in New Orleans, Louisiana. The chapter won an award for community service as well as programming activities.

Merrimation

M.O.R.E.

M.O.R.E. — MERRIMACK OUT REACH EXPERIENCE

The Merrimack Out Reach Experience is a student-run organization founded in 1983 under the auspices of the Campus Ministry Center. Student-run retreats help to facilitate community in the Augustinian tradition by providing the students, faculty, and staff of Merrimack College with spiritual, emotional, educational, and social support. It is the goal of M.O.R.E. to give members of the Merrimack College community the opportunity to explore and to discover more about themselves, and their relationships with family, friends, and God.

The On Stagers

THE ON-STAGERS

The On-Stagers have had a busy, productive, and fun-filled year. In the fall, we performed "The Hollow," a mystery by Agatha Christie. The audience got to vote on who they thought the murderer was, and it was fun for us to see the results. The cast worked hard on making each of their characters seem suspicious. Greg Holt, who played Sir Edward, and Karen Walters, who played Lady Angkatell, seem to have succeeded the most — they were most often picked by the audience as the killer. K-T Bryan succeeded at playing the meek Gerda, who suddenly revealed herself as the psychotic killer at the end. The audience hardly ever picked her as the killer. Brian Gillespie, who played victim John Cristow, enjoyed announcing the audience's choices at the end of the show. We also had our biggest technical staff yet working on "The Hollow," with us. They contributed talent, dedication, and fun to our organization.

This spring, we are anxious to perform "Two By Two," a light-hearted musical about Noah's Ark. We got off to a late start, and the cast and crew have worked extremely hard and put in long rehearsal hours to make this show a success. This show involves our most difficult technical show, and we are glad we have such a great technical crew! This is also the first time since "Baby" that we have had a student choreographer, and Jodi Gennaco is doing a great job.

It is an exhilarating feeling on opening night when the curtain goes up, to see the success of all of our hard work and fun. We do work hard, but we pride ourselves in the fact that for all the work, there is just as much fun. Thank you, Carol Taylor, for our beautiful curtain. Welcome, Fr. Pat, as our new faculty advisor. Thank you to Tom, our director, for another year of dedication — we love ya! To all the seniors, we will greatly miss you. Thank you for the talent, dedication, and friendship you have brought to our organization. We wish you all success.

By Jane Estrella

THE ON-STAGERS

We've had a lot of fun during the past year preparing for and putting on our shows, and making new friends.

During "Gypsy," it seemed as if we had most of our fun during the chaotic times. Tom, we'll never forget your last-minute changes you made *after* the show opened. For the first time, the On-Stagers used children in the show, and we loved working with them.

During "The Hollow," we looked forward to finding out if the audience figured out the plot. Tom kept us in suspense for a while, and we enjoyed guessing "whodunit."

Tom, thank you for all the time you dedicate to us, and thank you Carol Taylor and Fr. Pat for the beautiful curtain. We would also like to say a special thanks to Fr. Kevin Keelan, who was our advisor and friend until he left. We miss you, Kevin!

We've welcomed many new friends to our organization, and we're glad they've decided to be a part of our chaos and fun.

To the On-Stagers who will be leaving us this year, we would like to say goodbye, good luck, and thank you for your talent, time, dedication, and friendship.

The Class of '93:

K-T Bryan — "Mazeppa," the trumpet-playing burlesque stripper in "Gypsy," and "Gerda," the submissive deranged killer in "The Hollow."

Karen Walters — Mama Rose in "Gypsy," the most famous singing stage mother in history, and Lady Ankgatell, in "The Hollow," the most lovable, absent-minded lady of the house in England.

Jodi Gennaco — June, who ran off with one of her newsboys and left the dancing cow behind in "Gypsy."

Julie Kenny — who, while helping out backstage, held the train together in "Gypsy."

Nicole Romano — who successfully pulled off Dinner Theatre for "Gypsy" despite all her worries about the ice.

Scott Carpenter — who learned how to talk to the ladies in burlesque in "Gypsy."

Jeff Smith — who drew the best fish in the world for Louise in "Gypsy."

For the first time ever, the On-Stagers put on two student-directed, one-act plays. Ted Kempinski and Shelley Kipp each directed a play, and the shows were fantastic. The On-Stagers look forward to doing more of these in the future.

By Jane Estrella

TAMA

Psychology

PSYCHOLOGY CLUB

The Psychology Club is made up of a diverse group of individuals who share a common interest in psychology and other related studies. The membership consists primarily of psychology majors, but we encourage anyone who is interested to join in our activities. We invite guest speakers on a variety of subjects, such as information on graduate schools, taking the GRE's, and various employment opportunities in psychology. Merrimack graduates also speak on their professional experience.

Since psychology is one of the largest majors at Merrimack College, the Psychology Club tries to unite faculty and students in a variety of areas. We would like to invite all students who are interested to become involved in the Psychology Club.

By Christine Deans

Right Choice Peer Education

RIGHT CHOICE PEER EDUCATION PROGRAM

The Right Choice Peer Education Program began at Merrimack in January 1992. It is a student-based organization. It is focused on empowering students to make wise decisions around the use of alcohol and drugs as well as their overall wellness and safety.

Students that are involved in the program were recommended by their teachers, coaches, peers, and some even by themselves. The only requirement of the program is a commitment to prevention and a willingness to work. After attending the training program in August each peer educator selected two out of four prevention weeks to focus on. The four prevention weeks, Alcohol Awareness, AIDS Awareness, Fitness & Nutrition, and Violence Prevention were selected to increase the awareness levels of all members of the college community. The peer educators are responsible for the planning and implementation of programs and activities that take place during the prevention week. Recruitment for new members is ongoing and anyone interested should contact the Right Choice Peer Education Advisor, Chris Batty X4539.

By Christine Batty, Drug Prevention Specialist

The Ski Club

SKI CLUB

Ski season got off to a great start at Attitash Ski Resort. 28 students, and our advisor Pat Burn from the Campus Shop, packed into what became two party vans. After what seemed like hours of G-n-R and endless pit stops, we finally got to our home for the weekend, the Red Apple Inn. Some enjoyed North Conway's night life at the Red Parker Tavern and Horsefeathers. Those who could get out of bed and face Jack Frost got in a few good runs. We managed to leave the Red Apple Inn with only one hole in the wall. Thanks to everyone who went and helped to make this trip possible. By the way, did you hear about Jim's fall?

P.S. Kara; we have an empty beer can for you if you need it.

SGA

STUDENT GOVERNMENT ASSOCIATION

If you have ever had any problems or questions concerning Merrimack College and believed there was no one to answer them, then you were wrong. The Student Government Association (SGA) seeks to insure that student needs and concerns are heard by the administration, faculty, staff, and college community in general. The 1992 Executive Board consisted of a President — Tim Egan '93, Vice President — Ellen O'Connor '93, Treasurer — Allison Whittredge '93, Secretary — Maryanne Tierney — '93, and Member at Large — Jennifer Buelow '94.

The members of SGA are made up of eight representatives from each of the four classes. Our elections are held in December and each one-year term is from January through the following December. SGA conducts a great deal of its business through its eight standing committees: Academic Affairs, Administration, Budget Control, Constitution, Elections, Student Life, Resident/Commuter Life, and Public Relations.

1992 brought much success and progress to SGA. First of all, we reasserted our control over all clubs and organizations' budgets which was a formal responsibility in the past. Therefore, this called for adding a new committee, the Budget Control Committee (BCC). It consists of the treasurers from SGA, IFSC, MAC, Commuter Council, and the two SGA members who all meet on a weekly basis. Now, SGA is able to properly and adequately fund these organizations. Along this line of discussion concerning clubs and organizations, a new amendment was passed clearly stating the facts for a de-registration process. If the BCC believes that clubs and organizations are not responsibly fulfilling their duties and obligations, it is possible for them to be placed in this de-registration process.

SGA is proud to admit that this was the first year that the President and Vice President were able to meet and voice their opinions to the Board of Trustees. Great feedback about SGA was received from the administration. We believe that we have initiated the first steps in bringing the faculty, administration, staff, and students back into a community once again.

Does everyone remember the Presidential elections held in November? How could we forget There was more college participation in the voting process than in years past. SGA was honored to be the sponsor of having the running Democratic candidate from Massachusetts speak at Merrimack, Paul Tsongas. There was an outstanding attendance with many questions and notes of appraisal for him.

As the year ended, SGA worked on achieving many goals for the community along with personal ones. Christmas in the Quad held on December 2, proved to be once again successful. Children from the St. Anne's home attended and SGA donated a $400 check to them. Another accomplishment of SGA this year was the installation of campus telephones in Gildea, Monican, and Ash.

One goal that still needs to be reached is the expansion of the Warriors' Den service to include alcohol. A Formal proposal from SGA has been written and submitted to the Vice President of Student Life. SGA is patiently waiting for a response and is hoping that this service will take place next year.

So, as you can see, there is a place to go when your needs and concerns have not been addressed. The Student Government Association holds meetings weekly in Gildea on the third floor. The meetings are open and all are welcome!

By Maryanne Tierney

Greek Games

ALPHA DELTA GAMMA

Alpha Delta Gamma fraternity was founded in Chicago in 1924 and presently has 15 chapters nationwide. It was in 1987 that the colony formed at Merrimack College was recognized as a chapter of this national organization.

Since then, the brothers of ADG at Merrimack have been dedicated to serving the college as well as the local community. Their contributions from last year alone include a street hockey tournament that they sponsored in April, active participation in the Big Brother program of Lawrence, and co-sponsorship of a successful fundraiser to benefit muscular dystrophy and cystic fibrosis.

The brothers of ADG would like to welcome and congratulate the Kappa and Lamda pledge classes, whose initiations this year doubled the membership of Alpha Delta Gamma.

NPK

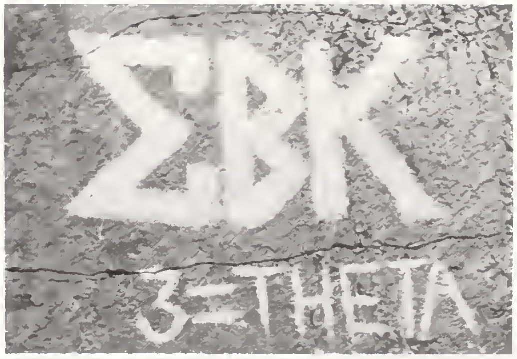
NPK Write-Up

Nu Phi Kappa fraternity was founded in 1962. It is now Merrimack's largest and most active Greek organization. We are a social organization who takes pride in taking time out to serve our local community. This year NPK held its third annual volley-ball-a-thon which helps support the Lazarus Hospital in Lawrence. We also sponsored a bowl-a-thon, a blood drive with the local chapter of the American Red Cross, continued our Monday night bowling program with the folks at Fidelity House, and had our First Annual Bake Sale. We also sponsored a 'turkey bucks' raffle.

This year we would like to acknowledge our new fraternity brother and moderator, Father Kevin Dwyer. And we would like to congratulate our two new pledge classes, the RHO and SIGMA classes. We would like to bid a warm and sincere farewell to all the graduating seniors whose hard work has made NPK what it is today — the strongest Greek organization at Merrimack.

Money

S B K



SIGMA BETA KAPPA

Along with being the oldest fraternity at Merrimack College, comes INTEGRITY, DIGNITY, RESPECT, and most of all, TRADITION.

Sigma Beta Kappa has been serving the community for years. Presently, we are working to build a strong bond between Merrimack College and the North Andover, Andover, and Lawrence communities.

We have also been very active in leading the Student Activites Office in new directions, but most importantly, leading the students of Merrimack College into new dimensions.

We also host several social functions including the annual St. Patrick's Day Party and Thanksgiving Turkey Baste. This year, SBK also held our 1st annual Alumni Golf Tournament and Graffiti Party.

Sigma Beta Kappa Fraternity has pledged not to be negligent of the fraternal needs of the college student. As the oldest fraternity on campus, we have hundreds of alumni who continue to be an integral part of our organization, for as we say: once a brother of Sigma Beta Kappa, always a brother.

Executive Board:

President: Jeffrey Hopwood
Vice-President: Geoffrey King
Secretary: Christopher Calvani
Treasurer: Edward DeBruyn

SPO

SIGMA PHI OMEGA

Sigma Phi Omega was recognized as a sorority on campus in the spring of 1988. It was formed by a special group of students who originally formed their friendships as little sisters to the Merrimack College fraternity Nu Phi Kappa and felt when their term with NPK had terminated that their friendships and bonds with one another were special and too strong to not remain so close in such an organization; and so, SPO was created.

Since then, members of SPO have grown into a special group of friends including many current students and Merrimack Alumni. We, as a group, try to give all we can to the Merrimack and the greater-Merrimack community. SPO raises money for such charities as Lawrence's Fight Against Child Abuse and Globe Santa, and we also share our annual Christmas Party with homeless children at the Lazarus House in Lawrence.

SPO will miss our graduating seniors who give so much and make us what we are today. We'd like to sincerely wish them luck and all the best along with the entire class of '93.

ΣΦΣ

TKE

TAU KAPPA EPSILON

Tau Kappa Epsilon, founded in 1899, is the largest international fraternity. We have over 300 chapters extending throughout the United States and Canada. TKE at Merrimack is driven by a strong brotherhood of over 40 members. The fraternity is committee to serving the faculty, school, and surrounding community.

Within the past year, TKE has done just that. Some of the key events last year include: Special Olympics basketball held in Haverhill, bell-ringing for the Salvation Army, fundraising for Unicef, and a clothes drive for the needy.

TKE also has a strong commitment to the social aspects of the student body. A few social events include: the annual Red Carnation Ball, TKE's annual Kickin' A Bash, Halloween Party, and various other social events with other Greek organizations.

TKE at Merrimack has numerous brothers active in extra-curricular activities, including student government, IFSC council, RA positions, and commuter council. We also have brothers who participate in Varsity sports such as soccer and basketball, as well as intramural sports.

In the future, TKE will continue its tradition of leadership to further the growth of Greek life on Merrimack's Campus. The Brothers of TKE wish the Class of 93 the best of luck!

T P A

THETA PHI ALPHA

Phi Theta Epsilon is proud to announce that we have gone national. We are now known as Theta Phi Alpha. Still the largest and oldest sorority on campus, we are also now the first and only national sorority here at Merrimack.

Even though our name has changed, we have not. Pride, Trust, and Equality are still the values which will continue to bond the sisters of Theta Phi Alpha. We will also continue to be strong philanthropists, dedicating our time to both the college and area community.

We would like to take this chance to thank our graduating seniors for their friendship, and sisterhood. We wish you the best of luck in all you do. You will be missed.

X L P

XI LAMBDA PSI

Xi Lambda Psi was recognized as a sorority in the spring of 1990. Since then, we have seen the successful addition of five pledge classes. Over the past four years we have seen our sisterhood grow in strength and number. We are very proud of our establishment and standing that we have attained here in the Merrimack community.

The family of XLP prided itself in extending a helping hand to those in need. Over the past year XLP has helped walk handicapped children on horses at the Iron Stone Farm. In addition to this activity XLP donates time to the elderly housing at the Prescott House in Andover. Our annual raffle for Christmas Kids of Lawrence was a success with a large donation to the Department of Social Sciences. Our largest success this year, however, was the sponsorship of a Jail. The Jail raised money for the Big Brother/Big Sister program based in Lawrence. This fundraiser was a blast for everyone including suspects and accusers. Due to its large success we hope to set up our Jail annually.

Congratulations to the Delta and the Epsilon classes. Along with a warm welcome to our newest sisters, XLP would like to wish our graduating seniors good luck in the future. We'll miss you. Our bond of sisterhood would not be possible without the assistance of Dr. Joan Delano. She has guided XLP since our founding days. Thank you Joan from all the sisters of Xi Lambda Psi.

By Sheila Kavanagh

ΞΛΨ

The Junior Prom

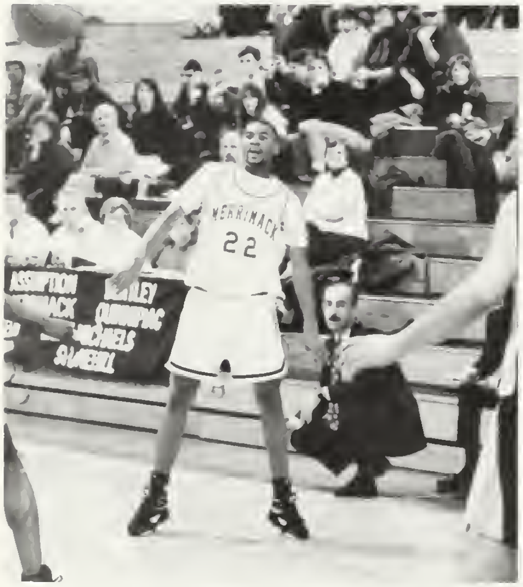
Baseball

Merrimack
18

HAWKS
5

Men's Basketball

Merrimack
COLLEGE
North Andover, Massachusetts
GIFT OF BASKETBALL ALUMNI AND FRIENDS



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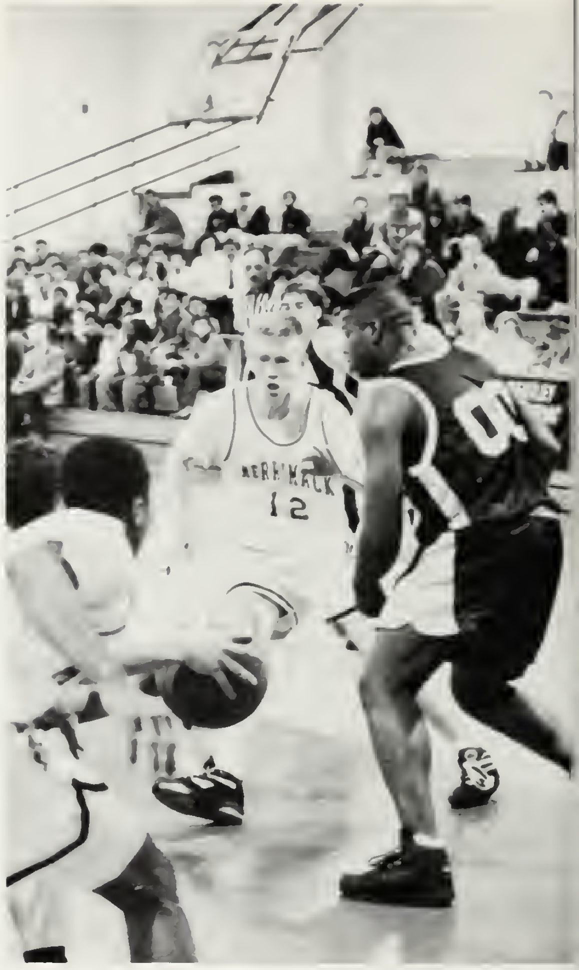
MERRIMACK
12

Women's Basketball

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North Andover,
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NORTHEAST-1
Merrima
20

Cross Country

Golf

Hockey

HOCKEY EAST

MERRIMACK

18

MERRIMACK

HUGHES
GRAVEL.E
16
FOWLER

OBLE
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MCMILLAN
12
AVELLE
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FOWLER
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AYLOR
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ERRIN
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24
33

NCAA
HOCKEY EAST

18

Lacrosse

ARRIORS
15

9
35

ARRIORS
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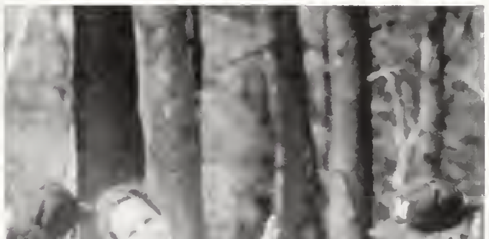
WARRIORS
5
LACROSSE

Men's Soccer

Women's Soccer

13

Woman's Softball



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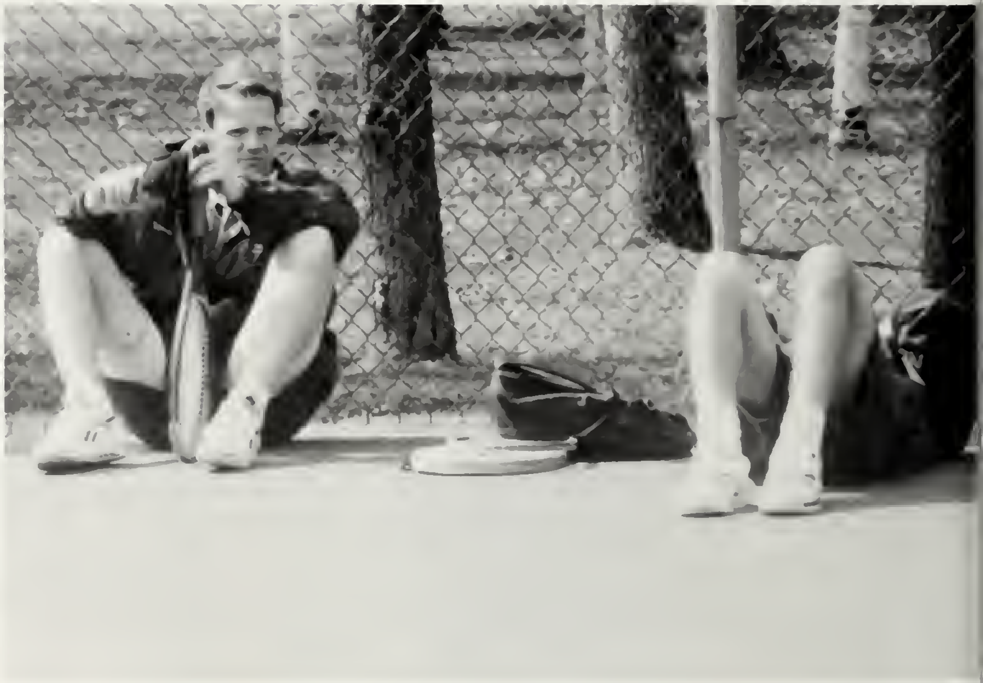
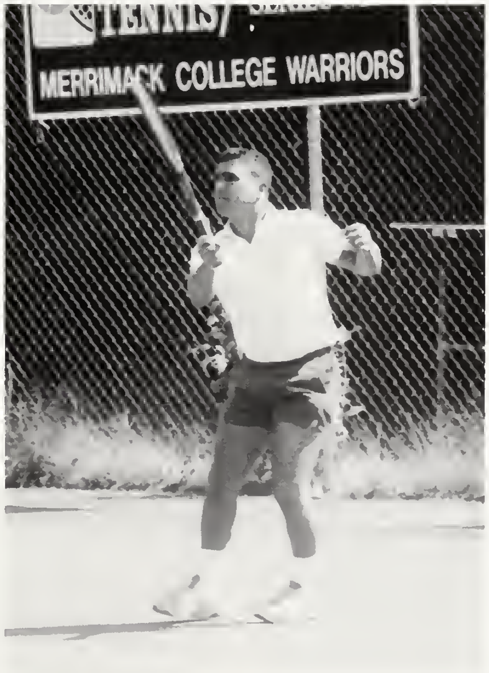
Men's Tennis





WOMEN'S TENNIS

The Women's Tennis team had another successful season with Coach Rick Edelmann for the second year in a row. It was a season of offensive play, where Coach Edelmann enforced the idea of a powerful net game. His "serve and volley" strategy proved successful, urging the players to take control of the point by rushing net early in the point.

This year's co-captains were seniors Kristen D'Eramo and Janine Munsill. D'Eramo, a Sociology major and Munsill, a Political Science major, are both described as having been very effective singles players over the years for the Lady Warriors, as well as making very significant contributions in doubles, where they were partners their sophomore and junior years.

"Both Kristen and Janine are team leaders," Edelmann, the 1992 Northeast-10 Conference Men's Tennis Co-Coach of the Year said. "They are very responsible and bring a never-say-die attitude to every match." Munsill, an all-around student leader, also served as captain her junior year.

Freshman standouts were Lisa Sarandopolis of Ipswich, Mass. and Jolie Stadelman of Lawrence, Mass. Saran-
opolis won the prestigious NE-10 Player of the Week and Stadelman won "Athlete of the Month" for September as well as the NE-10 Player of the Week three times over
e course of the season. Ultimately, she was named the Freshman of the Year with her impressive 16-6 record in combined singles and doubles play.

ther team players were juniors Sheri LaCourse and Lisa Morey. LaCourse and Stadelman comprised the #1 doubles team with an 8-3 record. Morey posted an impressive
4 singles record.

ophomores Paula Novelli and newcomer Kim Rayla also made impressive contributions this season. Novelli is described by her coach as a "tough player who plays hard."

e team finished third at the Division 2 New England Championships where Lisa Sarandopolis won her fight at the #2 singles position. This spring, Merrimack hosted the
st annual Invitational Tournament where, despite the rain and indoor play, they finished third again.

By Kristen D'Eramo

VOLVO TENNIS
COLLEGIATE SERIES
MERRIMACK COLLEGE WARRIORS

MERRIMACK
TENNIS

MERRIM
TENNIS

TENNIS

WOMEN'S VOLLEYBALL

The 1992 season was unmatched by any other as newcomers dominated the court. The team was extremely young, with four freshmen and only two veteran players. With the team also being small, Coach Rich Tidd didn't have much to work with. Lacking the experience of other teams in the conference and substitutes, the team developed a lot of determination and stamina. Despite aforementioned shortcomings, it was the best record achieved in the past three years.

Faculty

Chemistry Department

Business Department

Civil Engineering

Dr. Kim Hazarvartian

History Department

Fine Arts Department

Modern Languages

Political Science Department

Faculty Staff and Administratio

Fiscal Affairs

Bursar Office

Information Technology

Printing Center

Placement Services

President's Office

Writing Center

A KNACK FOR KAYAKS

For some ten years now I have been experimenting with small boat designs. These have been based upon a large volume two-person kayak that can transform (metamorphosis, if you will) into a capable sailing trimaran able to sail upwind in a foot of water. I have come to call these boats "tryaks." Starting out with plywood and epoxy resin, I now make the boats out of kevlar and graphite in an epoxy matrix. This combination, although much more costly, is strong, light, and durable, and can be molded into more seakindly shapes. The finished craft weighs in at some sixty five pounds, even though seventeen feet long and thirty inches wide. Even though coffin-like, two people are actually able to sleep in it. A pair of double paddles (again built of kevlar and graphite) form the propulsion system, one driven by my wife Pat, and one by myself. A top speed of this combination rarely exceeds four knots or just over four miles per hour, but speed is not our goal. The reason for this type of boat is stealth, portability, and the ability to go places other craft simply cannot. Kayaks, although light, small, and usually carried over one's shoulder, tend to be very seaworthy, as ocean crossings have proven. The addition of a plate bolted on the combing (top) accepts three aluminum tubes, one of which is the mast, and the two others hold amas, or floats out the side. A small windshield is clamped on, up go the sails, and the metamorphosis is complete.

By Brian Lankshear

THE NUKES ARE COMING!

At various points across the campus of Merrimack College, there are signs labelled “Nuclear Fallout Shelter.” Close to those words is the symbol for radiation, as any science student knows. Contemplating such a sign, a person might wonder, “Where did these signs come from? Why are they still here?” These small emblems offer us a reminder of the potential problems and fears involving nuclear energy.

These warnings are a testament of the kind of dread that dates back decades, back to the time when children rushed under their desks when “bomb alerts” sounded over the loudspeaker. It is true that nuclear bombs and nuclear power are not exactly the same thing. However, if someone in modern times was to read or watch the news, he or she would probably notice a similar panic in the way people react when nuclear energy of any kind is introduced to an area.

The minute construction begins on a nuclear reactor anywhere in this country, there is a general outcry of public discontent. For example, Seabrook station lies approximately 17 miles away from Merrimack College. Interest groups from the surrounding area tied up the plant for so long that it cost millions more than necessary to build it. No matter what the potential risks of the project, the simple fact is that we need to meet the energy demands of an ever-growing population.

If in fact Seabrook ever expeienced a disaster whereby radiation was released, these “nuclear fallout shelters” wouldn’t do any good, anyway. I would say that the best shelter against nuclear catastrophe is the mind. We should think of alternative forms of energy, and think of all possible safety precautions before we hide under our desks. Nuclear fusion is a possibility that is under intensive study in laboratories all across the country, and the only by-product of it is water. This kind of research shows that there are intelligent minds at work, and if we ever have to head for the shelters, we will have only ourselves to blame.

By Doug Farmer

SCORCHED EARTH

With all the environmental information and alarm about global warming, often what scientists tend to forget to ansewr for the public is the most fundamental of all questions: What is global warming, and what bearing does it have upon us? Probably the best definition of the issue comes from Gary E. McCuen's book *Our Endangered Atmosphere:*

"Visible light from the Sun comes through the atmosphere and strikes the surface of the Earth, which warms it up. The heat that is emitted, in turn, from the surface exists in the infrared part of the light spectrum, which is not visible to our eyes. Under normal circumstances, a kind of equilibrium is established so that the amount of sunlight coming in from the Sun that is absorbed by the planet is precisely balanced by the amount of infrared radiation emitted by the planet back to space. In the case of the greenhouse effect, the visible light comes in just as it would have if there were no atmosphere, but the atmospheric gases invisible in the visible — that is, the transparent in the visible part of the spectrum — tend to be opaque in the infrared part of the spectrum. The thermal radiation in the infrared is impeded from getting out."

Thus, "greenhouse gases" upset the situation in the atmosphere that is already delicately balanced. For the most part, the atmospheric gases that cause the problem are carbon dioxide and water vapor. The carbon dioxide is released by the burning of fossil fuels, and when it builds up in the atmosphere, the infrared heat is absorbed, and not allowed to escape, warming the Earth considerably more than it would be otherwise. Trees and other plants absorb the carbon dioxide in ideal conditions, lessening the problem somewhat. However, as we all know, trees are cut down more and more every day, for whatever reason, and the unabsorbed carbon dioxide continues to perpetuate the heating of the atmosphere.

When the temperature ascends at a certain rate, so will evaporation. The water vapor that results will help to trap even more heat in the atmosphere. This presents somewhat of a paradox in the issue of global warming. Apparently, the excessive heat in the environment around us will melt the polar ice caps, which will cause the ocean levels to rise. So, water we do not use will be abundant, as its salt content prevents it from evaporating at the same rate as fresh water. However, the water that farmers use for their crops will be decreased, and this could add even more difficulty to the food shortage crisis we face.

Now, we know that the central issues surrounding global warming are carbon dioxide emissions and a rapid rate of deforestation. What can be done about it? There are many choices we can make, but probably the best thing we could do is use all the ideas in a coordinated effort. To lessen the need for irrigation, which leaves farmers vulnerable to increased evaporation, we should maintain land that can be farmed, rather than using it for construction purposes, or whatever else. Also, we should do our best to conserve the fossil fuels that we continue to use, as well as plant new trees where it is appropriate. One of the many options that is being discussed in the government at this time is taxes on fossil fuel usage, to encourage conservation. Industrial sites should be expected to take steps necessary to reduce carbon dioxide emissions. Of course, most of that gas in the atmosphere exudes from cars. Less cars and cars that use alternate fuels would lessen that part of the equation.

In conclusion, global warming is an issue that affects us all, whether we realize it or not. We must act soon, taking whatever steps are necessary and humanly possibly, or else our Earth will become one large crockpot, and we will simmer in our own juices, if we don't drown in the rising tide of the oceans, first.

By Doug Farmer

LIFE AS A STRANGER

It was 7:15 AM on a typical weekday morning. As the stranger and I pulled out of our driveway I can remember the wind kicking the falling snow against the windshield and our unplowed, winding street was pretty much impassable. As I gazed over the situation I pondered and said, "Well ol' boy, here we go again." With the hubs locked the truck went into 4 wheel drive and up the street we went. Around the first bend the truck treaded. The windshield wipers went up, removing the snow, and at that moment a late 80's Mustang fishtailed and went across the road, missing the Stranger and I by at least two inches, plenty of room (yeah, right!). As the ill-equipped Mustang — for this weather, that is — landed in a ditch on the other side of the road, I thought to myself, "that's got to hurt. Well, there goes that guy's insurance premiums."

I stopped and hopped out to see if the driver was all right. I circled the vehicle to the driverside door. It opened, and wow, what a sight! Long legs, blue eyes, and a bod' that wouldn't quit. I was in heaven. Anyway, I asked, "Hey lady, you all right?" "I think so, but look at my car," the love goddess of my dreams exclaimed.

Being the gentleman that I was, I said, "No problem, lady. Have you out in a jiffy." I went to the back of my truck and pulled out a tire rope. "Just be a minute," I stated, as I wrapped the rope around the car's axle and the truck's front differential. I got back into the truck and put it into reverse. With only a slight hesitation at first, the Stranger and I pulled the vehicle out of its predicament, thus saving another damsel in distress. "Why, thank ya! How can I ever repay you?" "No problem, Ma'am, just all in a day's work. You be careful now," I said as the Stranger and I began our long trek to Merrimack College.

Noticing the clock read 7:32, I knew I had little time to lose, with my first class at 8:00 AM. I began to map out the best possible route to the college. '93 south to 495 to the Rt. 114 exit, and I'm there," I thought. So, up the ramp I went. 93 south came into my sights and it was jammed. Just then the radio traffic report exclaimed, "93 southbound is all tied up to the New Hampshire border."

said aloud, "Thanks guy, now you tell me goof," as I sat in the parking lot of 93. "Time to go into action," I thought. I got out of the fast lane and into he breakdown lane. That quickly filled up. "Damn," I said, "Okay Stranger, time to get serious," as I swung the truck into the soft shoulder of the highway. The slushy snow kicked up from my spinning tires, as I made headway up the interstate. The little wheels were turning in my demented head, "Get off at exit 46, around the rotary, cut through the parking lot, no, no, no. Off exit 46, hit Riverside Drive, cut through the alleyway and that guy's backyard, no, no, no, he's got a shotgun, so that's no good."

At that moment, the little light bulb flashed in my cranium. I shot up Exit 46, and around the rotary. However, I must have only gotten to the first set of lights, when there he was, Grandpa from hell, in his 68 Impala. It never fails; every morning that I come this way, he's there. It almost seems that he's sitting in his Impala in someone's driveway, hidden behind the guy's garbage pails, thinking to himself, "I'll get that little wipper snapper this morning." Today, however I was not in the mood to deal with the Grandpa from hell, so the Stranger and I made a slight detour up and over the idewalk, swinging back into the line of traffic, just missing his front fender.

Yeah, wipper snapper, I'll get you next time," I heard as the Stranger and I banged a right. Oh good, it looked like Riverside Drive was clear of cars. gazed at my clock, 7:41. Good, I still had 19 minutes left before my first class. This street runs from Methuen to Downtown Lawrence. From there, t's only 15 minutes, tops. As Riverside Drive came to Rt. 28 in Lawrence, the light was green. I decided to go straight, and then go over the bridge by Mr. Tux which would run me right into Rt. 114. No sooner had I crossed the bridge, than a Big Yellow Monster stood in front of me with his little top sign out, dropping kids off at St. Patrick's Grammar School. "Have no fear, I'll switch to plan 'B,' I thought." I hooked a left and banged a quick ight into an alleyway that no one could find even if they wanted to. At the end of it, I banged a right and a quick left back onto Rt. 114, avoiding the Big Yellow Monster from getting me into its grasp.

Remembering the new lights the state put in on Rt. 114, I decided to abort and head back towards Rt. 28. This time, however, it would drop me off into Andover, just five minutes away from the college. The clock read 7:50. "I have plenty of time . . . oh shit, wait. Rt. 28 is a mess," I thought to myself, as I scanned over the dilemma at hand. The road I took passes through the 495 exit ramps. This was not good. I looked around to see if there were any officers of the law, then the Stranger and I proceeded to go up onto the medium strip, bypassing all the dum-dums in traffic. I was following umber 15 of the Vinny Driving Book: "A cop didn't see it; so, I didn't do it," and of course, rule number 16: "Avoid any and all traffic jams if ossible." Over the medium and into the opposite lane I drove, hoping that no one would hit the Stranger and I. There was a side street that cut past Woolworth, so I took it before the oncoming traffic ended up being too close for comfort.

The clock read 7:53, still just enough time to get to school. A left put me on the right track as I was in the home stretch. "Nothing can stop us now, tranger," I screamed to my companion as I flew up the street. Nothing would've stopped us on a normal day, but it was snowing, and what was out ut Mr. Snowplow. "NO!" I screamed in frustration, as I slammed on the brakes, avoiding a collision with Mr. Plow. In the midst of going helter kelter, the light bulb lit again. "The YMCA!"

Hold on, little buddy," I yelled as I whipped the vehicle into the YMCA parking lot, and back out onto the road, avoiding Mr. Snowplow. A quick ght put me in back of the office building where the LSB Bank and Liberty Mutual were. I pulled into the parking lot of Merrimack, and something was wrong. It almost seemed like a ghost town in the Old West. This couldn't be, it was 7:56, and class starts in four minutes. I pulled around the orner into the big parking lot, and there was not a single car to be found. The radio announcer came on with the cancellations, and proclaimed, Merrimack College in North Andover day classes canceled." I sobbed, "Oh well, let's go home, Stranger," as I swung the track around, and headed ack from whence I had come.

By Vinny C. DiGrazia

A BLACKENED VISION

The tide once blue and gentle now rolls slowly in, with a wave of murky sludge darkening the rocks and sand. Dead animals line th shore, and where there once had been beachgoers, there were now birds, indistinguishable because of the black slime that covere them. A once thriving fishing town nearby had recently become deserted, for now all they could to catch was disease from pollute ocean wildlife. The Environmental Protection Agency had declared this an area for emergency cleanup, somewhat late, since the rea emergency was when the oil spilled, and by this time the damage had already been done. The reader, at this point, is probably beggin for me to say that this is fiction; sadly, it is not. This has happened in Alaska, and elsewhere. This could happen many times over in th future, if the world does not both make transportation of oil safer, and search for alternative fuels.

In his book, *The Wasted Ocean,* David Bulloch writes, "A consensus of estimates for spillage from all causes ranges between 1 and 1 million tons actually." If there was a spill far from shore, and one travelled out to find it, the most obvious indications would be floatin globs of tar. These lumps would mix with kelps and seaweed. As they gain in mass and size from the accumulatio nof other matter, the either sink into the ocean, or flow into land with the tide. "Alkanes, chemicals which are basically saturated hydrocarbons, have lo boiling points, and at high concentrations can kill fish and invertebrates," explains Mr. Bulloch.

Oil can be toxic to fish, particularly to eggs and larvae, and tar from a spill can kill marine turtles that feed upon it. "If oil mixes wit sand, or adheres to rock, it can persist for several years, and recolonization of animals in those areas is slow, at best," Bulloch says. Oi sticks to clay and slit that soon stinks to the bottom, and sea animals that live there can be completely wiped out, and recovery from such catastrophes can take nearly a decade. If all this seems frightening, then perhaps you are getting an idea of only *some* of the effect an oil spill can have on the ocean, and what a terrible effect it can have on marine wildlife, as well as on those who consume it for food.

What is being discussed here is not pure theory or conjecture, because it has been witnessed. For example, let's examine the spill tha occurred on Alaska's shores as a result of the Exxon Valdez running aground, in March of 1989. In an excerpt from *National Geographic Magazine,* Bryan Hodgson writes:

"Throughout Prince William Sound, and as far as the lower Cook Inlet and Kodiak Island, the damage had been staggering. Oil had drenched or spattered at least 1,200 miles of shoreline. Experts believed that as many as 100,000 birds had died, including some 150 bald eagles. At least 1,000 sea otters had perished, despite an eight-million-dollar rescue and rehabilitation program. Economic costs were staggering as well: The state had canceled the opening of herring fisheries and restricted the salmon take, together worth more than one hundred million dollars a year."

In the same article, Dr. Jacqueline Michel, from the National Oceanic and Atmospheric Administration, says, "The story is much the same in all crude oil spills. On exposed rocky beaches with much wave action, little oil is left after a year. On quieter beaches, the oil persists from two to three years and is frequently mixed with sand and buried. Salt marshes suffer the most damage, and efforts to clean them are too destructive to do any good."

What all this talk of experts tells us is something that most of us should know through common sense: it is better to prevent than deal with the disaster afterwards. Everyone knows about the possibility of double hulls, and pipelines, although risks are still involved. It would seem that the safest thing would be to find alternative fuel sources, since oil causes damage and blackens our clear vision of Earth wherever it goes unguarded. Where do we find alternative fuel substances? Exxon could have put its billion dollars for cleanup to better use had it investigated that question sooner.

By Doug Farmer

GROWTH OF HUMAN POPULATION: PROGRESS OR CONCERN?

From the time that humanity first appeared on this planet, there have been increases and declines in the population of mankind. Disease, lack of resouces, and wars kept the population manageable for centuries. However, with the coming of the Industrial Revolution and advances in medical technology, particularly in developed countries like the United States or the many European nations, previous barriers to population were eliminated. Of course, at the time of these developments, it seemed a golden age for our species, since humanity was able to dominate the Earth as never before.

Ironically, though, that very Industrial Revolution that was assumed to be a miracle for human survival, may soon bring about our demise. An expanding population puts immense pressure on our planet's resources, which already seem scarce to many demographers. As stated by Rebecca Stefoff in her book, *Overpopulation,* "In mid-1991, there were about 5.4 billion people on Earth. That year, the world's population increased by more than 95 million. Experts at the Population Reference Bureau say that if present trends in growth continue, by 2025 the world will be home to 8.6 billion people." In well-developed countries like the United States, the sustained growth can be attributed to modern medicine, and an efficient food supply. Population expansion in Third World Countries in Africa and Asia can be blamed on an extraordinary amount of sexual activity. This can't be blamed entirely on these often illiterate people simply because many of them would not understand such an obscure term as "overpopulation." These peoples are afraid of dying out due to the many illnesses that afflict them, so they overcompensate for the death rate.

A basic fact to remember is that *every* major environmental crisis that faces this planet today is affected significantly by the explosion of population in modern history. Let us take, for example, the issue of global warming. As Stefoff's book points out, "Certain human activities have released greenhouse gases into the atmosphere, especially since the Industrial Revolution. Wood, coal, petroleum, and natural gas contain carbon. When they are burned, carbon dioxide enters the atmosphere. Automobile exhausts, forests burned to clear ranch land, and the smokestacks of factories and utility plants all produce large quantities of carbon dioxide." Naturally, increased demand for these products caused by an increase in human population greatly accelerates this phenomenon.

Another key environmental issue affected by increases in numbers of our race is deforestation. Trees are removed in Asia at an alarming rate, due to the enormous demand for firewood. In this hemisphere, it is mostly due to the demand for wood products, or simply the need for more space. Once trees are stripped away, rain creates an abundance of erosion. Water normally caught by the trees, and allowed to trickle into underground water supplies, runs off, causing water shortages where water is in desperately short supply. As reported in *Overpopulation,* "The Population Institute and the United Nations estimate that half of all the remaining forests will be destroyed by the year 2000 . . . According to biologist Edward O. Wilson of Harvard University, each year 10,000 to 17,500 species of plants, birds, insects, reptiles, and mammals vanish forever . . . the greatest concentration of species is in the world's tropical rainforests, which are rapidly being destroyed." Thus, we are not only displacing other species of animals, we are wiping them out all ogether.

Perhaps the most widely recognized sympton of overpopulation is widespread starvation. Thousands die every day in poor nations that cannot even begin to cope with their overwhelming growth in human numbers. Developed nations have made considerable efforts to alleviate the hunger and famine in Third World nations. However, no matter how much food is shipped, the world has to face the fact hat these areas are inadequate to produce the required food, and will always be dependent on other countries for survival. Well, we night say, that's their problem. We have no food problem now. True. However, as related in the April 1991 issue of *National Geographic Magazine,* "Genetically uniform plants with high yields are susceptible to large-scale crop failure." What this means is that ows of identical crops bred by farmers with seemingly positive properties can all fall to a single germ or other catastrophe. This ountry already experienced this, to a limited extent, in Florida, where in 1984 a single bacterial disease struck, forcing citrus farmers o destroy 18 million citrus trees and seedlings. Scientists are rushing to re-establish variety in crops, so as to avoid disaster.

The needs of an ever-expanding population cannot be ignored, but we must use available means to control growth that could destroy he Earth. What is so remarkable about the issue is that the solutions are lucid by most standards. Abstaining from sexual intercourse nust be an answer, although many find that hard to cope with, since reproduction is a basic human instinct. There are other choices. The use of birth control is the most obvious, while abortion provides us with a more controversial alternative. Needless to say, the world must come to some sort of consensus on this issue. This does not mean world standards for the size of families, but almost ertainly a toning down of those belief systems that forbid birth control, and remain blind to reality. A coordinated effort to educate he global populace is essential for population control to work, lest we all perish in a flood of ignorance and our own kind.

By Doug Farmer

ANIMAL ANNIHILATION

Few issues in nature invoke as much of an emotional response as the steady eradication of various animal species at the hands of humanity. Once again, as in most environmental issues, the best approach to take is probably the moderate approach. There are segments of society, such as hunters and developers, who sometimes don't seem to care about the indigenous animal populations of an area, and desire only to keep their rights to do their business, be it hunting or construction projects. Then, there is the opposite group of extremists, who pull their hair out when any animal species dies out. The death of a certain amount of varieties of creatures is normal; it is the natural way of the world. The question is, to what extent have human beings accelerated this process? In addition, how many creatures that have some unknown usefulness to us have been destroyed by our direct action or negligence?

Roger Disilvestro names some groups that have been completely wiped out by the meddling of our society. All of the wild great auks, which at one time thrived in great numbers along the coasts of New England and Canada, were killed off, mostly for their feathers, by 1844. The Atlantic gray whales were killed off before science even had the chance to study them, but bones discovered from 1675 provide a testament to their existence. The sea mink, which previously had lived largely in the Northeast, was killed off entirely by 1880. By 1900, the last passenger pigeon fell, the whole species having been the victims of unmitigated slaughter. Hunters would kill hundreds a day with shots that could take down dozens at a time.

This does convince one of a definite fact. Much of the elimination of animals that has occurred is a result of the last century's deeds, and is not through the actions of the twentieth. Many states passed laws which protected animals from having their whole populations killed. One action that the federal government has taken was the Endangered Species Act, which allowed virtually any animal nearly extinct to be able to be protected. The wording of this law was so strong that many elements, even in the government opposed its application. As Roger Disilvestro's book, *The Endangered Kingdom* says:

"Therefore, the Fish and Wildlife Service was afraid to use it to stop the hunting of grizzly bears in Montana. In Tennessee, in 1975, the snail darter was included in the list of endangered species. The only problem was a dam had been designed on the Tennessee-Tombigbee River which would wipe out this variety of fish. Congress ultimately exempted the snail darter from the Act, and the dam was built."

The government has displayed a willingness to give in to pressure from development and hunting interests. Hunters often announce loudly that they are in the forefront of the environmental movement. In many cases, this has been true, but keep in mind one simple fact: Hunters want animals to be around all the time, so they can be hunted next season. Also, animals that are not hunted, usually known as "nongame animals," are often ignored by agencies that deal with endangered species. That's where development comes in. Animals in forests or lands that are torn or cultivated may perish. The products of our pollution, such as toxic waste and acid rain, also place many animals in a precarious position. Another thing is that preventing a species from becoming endangered will help us to avoid the cost of replenishing those animals.

Never forget that some creatures can provide us with unknown cures for diseases which we haven't thought of yet. As Disilvestro says, "Only a few years ago the Pacific yew was treated by lumbermen as a trash tree. Now its bark, too, is being used for cancer research. To lose any species on the grounds that it has no value is foolish." We must work to convince government and the general public that moneys for saving animals is not unjustified, and while prevention of all extinction is impossible, prevention of broadscale destruction is both economically viable and necessary. The crucial question we must ask ourselves is this: Do we want animal annihilation or pragmatic agitation as the result of our environmental policy?

By Doug Farmer

A BROKEN SHIELD

We are constantly bombarded by information that tells us that every mist of hairspray we let into the air is destroying the world, because it eliminates the necessary protection of the ozone layer. Those that are fairly convinced that there is a definite ozone problem say we must act now, without further delay, to prevent a global catastrophe that could decide the fate of humanity. Those that believe in the value of chlorofluorocarbons for practical, everyday use, consider the approach of environmentalists premature. Their view is that we should take the time to come up with adequate findings from research to determine if action is needed. Either way, the way I look at the issue is that we must take a middle of the road approach: moderate reductions in hazardous emissions, along with a United Nations investigation into the matter. It is always important to review the facts that we have, hence this story.

First of all, there may be many reading this article that wonder exactly what the ozone layer is and what importance it has for us. Most of the ozone in the atmosphere exists in a layer known as the stratosphere. According to Gary McCuen's book, *Our Endangered Atmosphere,* "The stratosphere extends from about 8 km at the poles, and 17 km at the equator, to about 50 km above the Earth's surface." The relevance of ozone is that it is the only element of the atmosphere that blocks harmful ultraviolet rays from the sun. Even slight changes in the amount of ultraviolet radiation can be hazardous to human beings: for example, skin cancer and damage to the immune system.

I will now briefly discuss both sides of the issue concerning the dreaded chlorofluorocarbons. According to those who consider the problem real and deadly, there is a definite connection between these elements and the hole reported in the springtime over Antartica. In *Our Endangered Atmosphere.* F. Sherwood Rowland writes, "The loss of more than 50% in total ozone during the Antartic spring is not only without precedent anywhere over the globe, but represents a decrease which has happened almost entirely during the 1980s. The initial British publication a year ago pointed out . . . rapid growth in the atmospheric concentrations of the chlorofluoromethanes, and the connection is inescapable." He goes on to explain that when chlorine nitrate reacts with water or hydrogen chloride, ozone is depleted in models scientists use. The reasoning of Mr. Rowland and others is that we should have begun regulation of the chlorofluorocarbon industry long ago, in order to prevent a widescale disaster, and we will pay the price of a 1/10 to 1/5 of the ozone in the next century.

Dr. S. Robert Orfeo, in the same book, writes, "The Fluorocarbon Program Panel of the Chemical Manufacturers Association has funded the application of sophisticated statistical methods for analyzing long-term records of ozone data for possible trends, with researchers from government agencies and universities. The results of such trend analyses show that there has been no significant change in globally averaged total ozone." The view of this group is not so much that there isn't a problem in the ozone layer, but that time is available for institutions such as NASA to study the data to gain a full understanding. They feel that more certain analysis is needed to warrant heavy regulation of chlorofluorocarbons, which are useful in order to refrigerate, air condition, clean electric components, and help insulate products.

All this discussion seems confusing to me, even as I write it. Very little seems certain. As a matter of fact, reports from the various satellite services have at times indicated that ozone destruction occurs more as a result of volcanoes and other natural phenomena than from our own activities. At this point, I am only willing to say that organizations such as NASA should conduct further research into the matter. Chlorofluorocarbons should be regulated to a certain extent, simply because they have an impact on global warming as well, which is significant, even if it isn't extensive. Conclusion: Chlorofluorocarbons don't do the atmosphere any good, so we should substitute them with less harmful substances, although at a rate that will give business ample opportunity to find *acceptable* alternatives. We should also attempt to limit other gases which affect ozone in a negative way in a similar fashion. While it may be uncertain as to the damage certain substances do to the ozone layer, being careful with what we release into the atmosphere couldn't do any damage.

By Doug Farmer

A BURNING RAINFALL

If you went outside during a thunderstorm today, you probably wouldn't notice a difference between what was cascading across yo face at this moment, and what did the same several years ago. There doesn't seem to be a tangible difference between the rain that fal one year to the next. However, increasing amount of pollution over the past several decades have, beyond visual perception, gene ated the problem known as acid rain.

A basic definition of acidity, provided by Edward Edelson's book, *Clean Air,* is as follows:

> Acidity is measured on a pH scale that runs from 0 to 14 and that measures the concentration of hydrogen ions in a solution (a ion is any electrically charged particle). The more positively charged hydrogen ions (H+) in a solution relative to negativel charged hydroxyl ions (OH-), the more acidic it is and the lower is its pH; conversely, the fewer hydrogen ions relative t hydroxyl ions, the more alkaline and the higher the pH . . . Every point on the pH scale marks a tenfold change in the concentr tion of hydrogen ions.

Acid rain (and other acidic precipitation) consists of condensed sulfur oxide and nitrogen emissions. A majority of sulfur dioxid emissions come from coal-fired electric power plants. There are other sources of sulfur dioxide emissions, as well: factories, petroleu refineries, and metal smelters (in which metal is separated from ore). To quote Edelson, "At least 90% of sulfur dioxide emissions an more than 50% of nitrogen oxide emissions in the United States come from industrial and power plants." The primary producer nitrogen oxide emissions remains the automobile.

Acidity can wreak havoc on the environment when it condenses in precipitation. Fish, trees, and masonry can be seriously affected b acid rain. When the pH drops, even slightly, the food chain in a body of water can be affected drastically. Once small animals and plant die, then the larger plants have nothing to live off of, and they die as well, unless the increased acidity gets them first. Edelson says, "A pH 3.5, virtually all aquatic organisms die off." Acid can also release toxic metals from pipes, and this contaminates the water, and thi effect and the poisoned fish can produce serious health risks for human beings.

In 1980, President Jimmy Carter called for a study on acid rain damage, which eventually became known as the National Acid Precipi tation Assessment Program (NAPAP). The report, released in 1990, indicated that under 4% (under 1,200) of the lakes in thi country had been made uninhabitable by acid rain. An additional 5% of lakes had become dangerous for some types of animals an plants. However, the damage to lakes was significantly higher in some regions: "8% in the lowlands of New England; 56% in th northern Florida highlands, 10% in the Appalachian Mountains, 11% in parts of northern Wisconsin and Michigan, and a similar 11 in the mid-Atlantic coastal plain. Also in the Southwestern Adirondacks, more than a third of the lakes had been polluted by acidity.'

It would be rather unfair not to mention the action the government has taken to combat the problem. The 1990 Clean Air Ac approved by the Congress and President George Bush, provided for a reduction of sulfur oxide emissions from the 1980 level of 2 million tons to 10 million, starting in 1995, and this will be perpetually reduced to this level into the next century. The Act also calls fo nitrogen oxide emissions to be reduced 2-4 million tons annually. The EPA, in order to enforce these provisions can fine violators u to $200,000 or sentence jail terms.

The bottom line is this: acid rain is not a doomsday issue as of this moment, and it probably won't be for some time. Once the smalles seed of a problem is planted however, it is necessary to act swiftly, unless we want the world disintegrating around us with the result o our negligence. Reduction of automobile usage is called for, although government action is the most necessary step, since industry an individuals don't always act until they are pressured. Government action has been taken in recent years, and this trend must continue lest we wish to be burned by the gentle rainfall one morning in the future.

By Doug Farme

WITHERING WETLANDS

To many, the destruction of seemingly useless "swamplands" or "bogs" is a good thing. Why not put it to better use by allowing levelopers to construct new projects for the improvement of the economy? Why not allow farmers to drain this land and sow new gricultural plots to provide more food for the people of the world? Why not build a college on the land? These are legitimate uestions, but they have put a stamp of approval on the continuous destruction of a vital national resource. Among other things, vetlands store decaying organic matter, which traps carbon that otherwise might escape into the atmosphere, and there is plenty of arbon dioxide u there, as it is. Wetlands also provide refuge for hundreds, even thousands, of native and migratory species of birds. ccording to the October, 1992 issue of *National Geographic Magazine,* "America continues to lose wetlands at the rate of about 00,000 acres a year."

Whether or not one chooses to believe this figure is relevant, because it can't be denied that we have lost countless acres of wetlands lready. California has lost 91% of its wetlands, Ohio has lost 90%, Iowa has lost 89%, and over half of Connecticut's coastal wetlands re gone (figures from NGM). It is rather difficult to put a price tag on the damage that has been done up to this point. Some projects ave been put into place, such as one headed by Joe B. Zedler at Chula Vista, one the waterfront of San Diego Bay, where scientists are rying to replace destroyed wetlands by establishing them elsewhere. In an interview with NGM, she expressed doubts about the iability of this option:

If we allow all our natural wetlands to be replaced by man-made ones, I guarantee you that we will lose biodiversity. We cannot ossibly census everything that was there to know later how much of it we've been able to bring back . . . I'm not suggesting that all vetlands restorations are doomed to failure, but I do want to make the distinction between restoration for its own sake versus mitigaion in the regulatory context, where restoration simply becomes a license to destroy habitat somewhere else."

ll this is nice, but what fundamental characteristics are there that make a wetland a wetland? There are different types of wetlands: here are "cypress domes," which are comprised of small swamps with tall cypress trees in the center, and this variety acts to remove vastes from water. There are "prairie potholes," which are holes dug out by glaciers — mostly in the North — that provide nesting and eeding grounds for most of this continent's ducks. "Riverine bottomlands" trap water during high water periods along a river. Thus, vhen these are destroyed, the risk of flooding further along increases. "Bogs," normally considered unattractive and undesirable, ctually hold decaying plant matter that captures carbon, and prevents its buildup in the atmosphere. "Coastal marshes" are homes to wo-thirds of commercial fin and shellfish in the United States.

n recent years, the government has displayed a disturbing willingness to give in to pressure from lobbyists. In 1989, the government sued a fairly restrictive "Federal Manual for Identifying and Delineating Jurisdictional Wetlands," which described the characteristics f wetlands to be protected. Development and agricultural interests managed to convince the administration to propose to deregulate 0 million remaining acres of wetlands. It considered doing this, according to *National Geographic,* by "going through a redefinition of vetlands by the Corps of Engineers, or by going through initiatives out of the Domestic Policy Council's Task Force — actions esigned to weaken the role of the EPA and the U.S. Fish and Wildlife Service." The action came close to succeeding.

Ve must not play the old-fashioned game of point-the-finger. It seems that the government, in general, fails to take the issue of vetlands seriously enough. Destruction of wetlands must be completely halted, even if economic interests complain. These groups iled to show any restraint when they destroyed over half of the lower 48 states' wetlands, so why show restraint in putting these roups in their place? Unfortunately, although a hapy medium must be found in most environmental issues, in the case of wetlands, nvironment must come before economy. If it doesn't, the overall money cost could be devastating, due to increased pollution and ooding. We must cut through the farm's fertilizer to get to what's underneath: a vital resouce.

By Doug Farmer

A RESOLVE TO RECYCLE

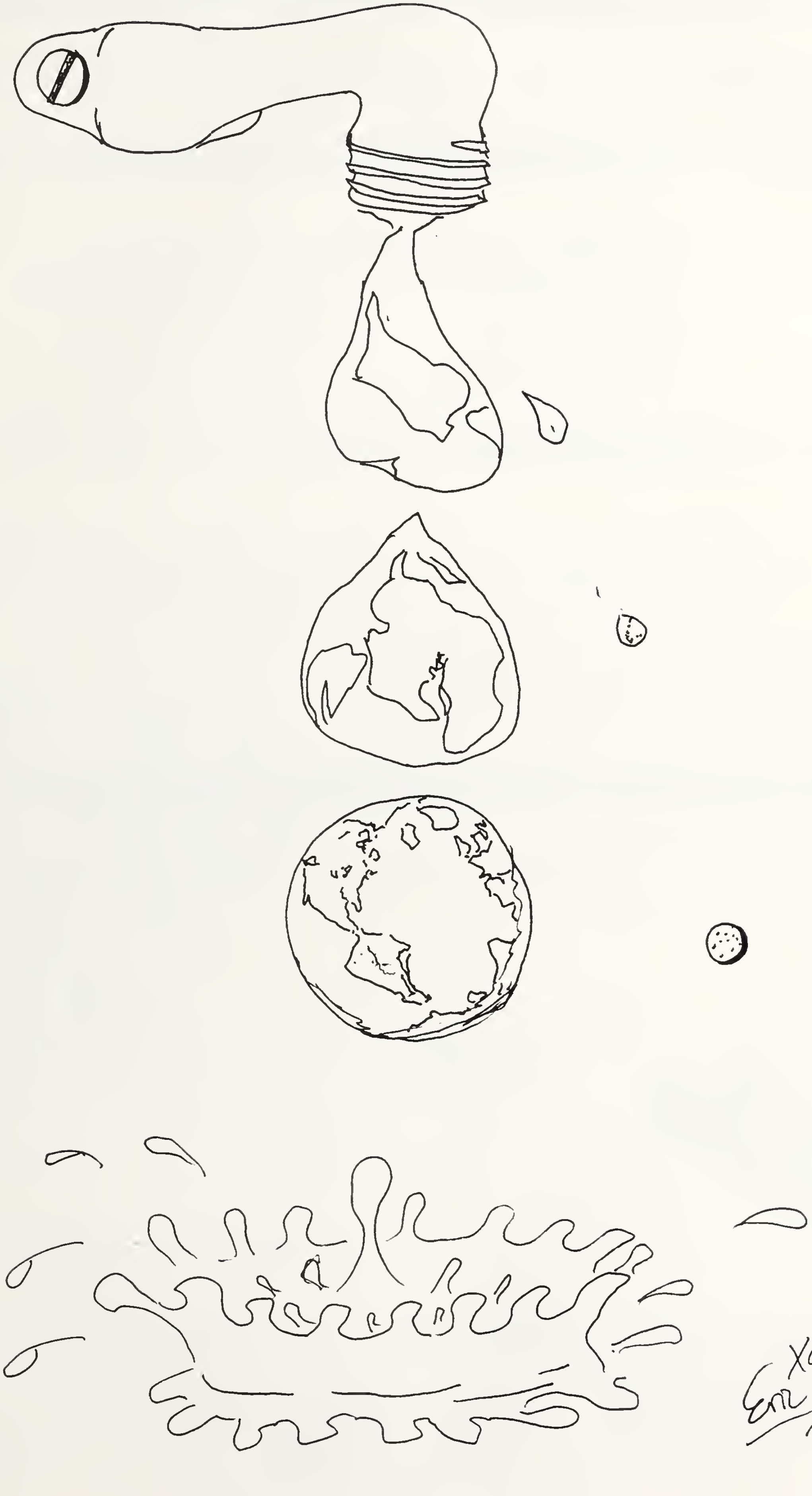
Every year in the United States, according to National Geographic Magazine, 70% of the 180,000,000 tons of garbage we produce goes into landfills. Right now, there are roughly 5,500 landfills in operation across this country. Not only are these landfills likely to be filled to capacity within the next few years, but there are few plans to create new ones. Obviously, few people want a landfill in their back yard. That is understandable, but it should also be understandable that an alternate means of disposal must be found, preferably one that is not going to "dump" the problem on future generations.

That is why certain facts about landfills are so amazing. Approximately 50% of garbage that is found in landfills is paper. Despite recycling efforts, National Geographic reports that 12% to 15% of our trash in Eastern landfills is paper. Newspaper itself is one of the biggest culprits: about 18% of the nation's refuse is made of the stuff that is disposed of at our doorsteps. It seems rather ironic that the vast majority of the garbage to be found in dumps turns out to be something so easily reusable.

I realize that this sounds like a thousand articles you've seen before: typical "doomsday" rhetoric with a general lecture-type character. It is important to put it all in perspective. One item of note is that 87% of all paper produced in the United States comes from tree farms, Newsweek magazine reports. When more paper is recycled, fewer trees are planted. However, as I have already made clear, saving trees must not be our only motive for recycling. Indeed, it seems as if landfills are filling up as fast as trees are coming down.

According to the Environmental Protection Agency (EPA), this country already disposes of 13% of its trash through recycling. Even here at Merrimack college, according to Albert Brooks, the director of Physical Plant, 25 tons of some 420 odd tons is recycled annually. The collection of the material is done by the Citizens League for Adult Services (CLASS). Not only white paper, but aluminum cans and waste oil are recycled. Certainly, this is a good beginning, and the efforts of these organizations and individuals must not be discounted. And perhaps, with the aid of increased commitment by every person possible, we can start putting this country back together, one tree and one clean horizon at a time.

By Doug Farmer



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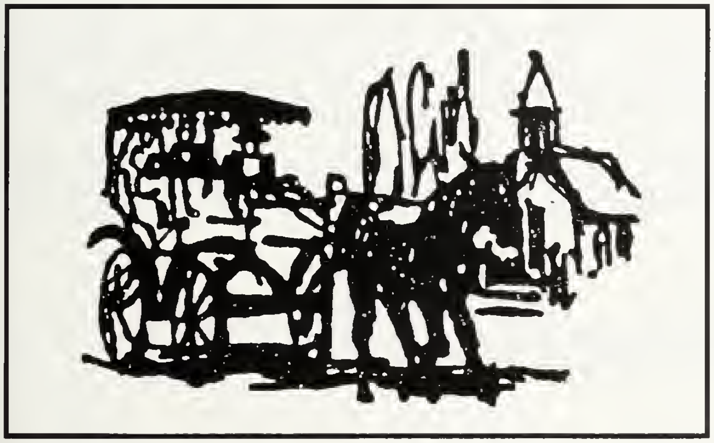

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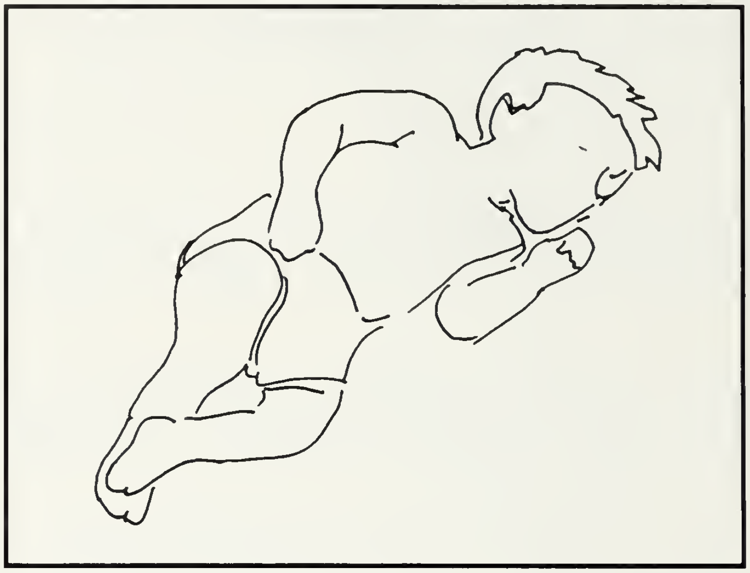

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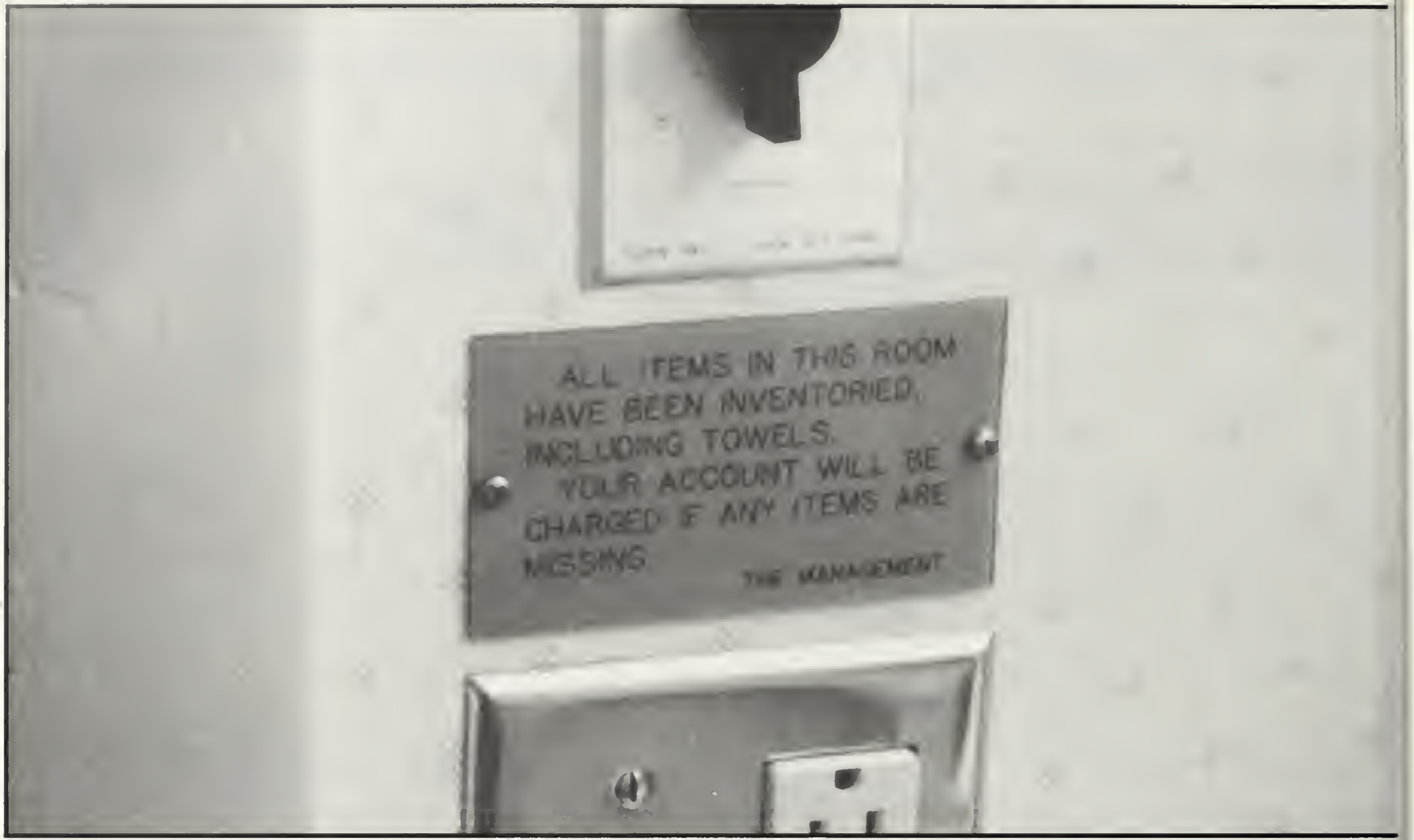
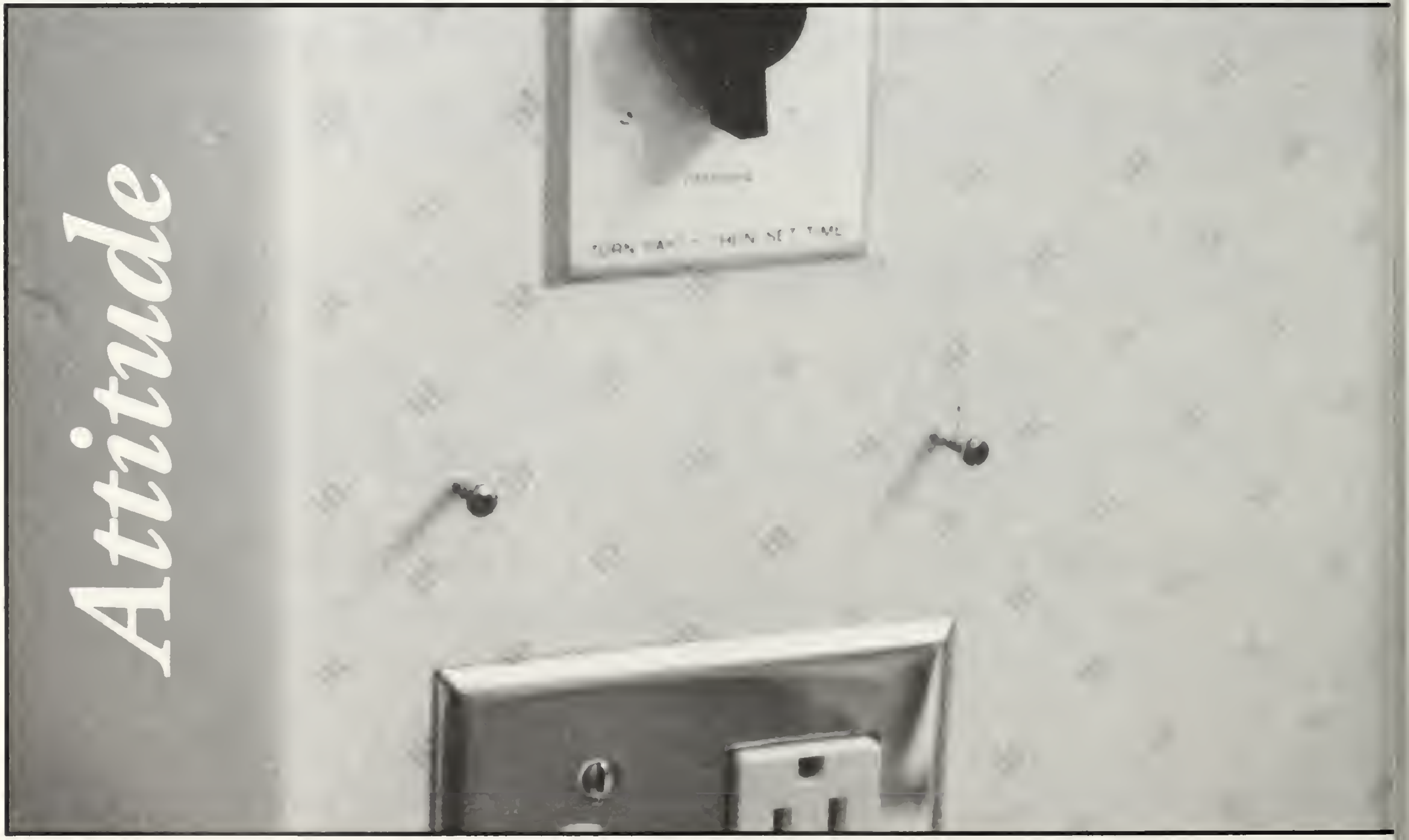


Photos by Eric Brown



John K writes his name everywhere!!!

The Crew...

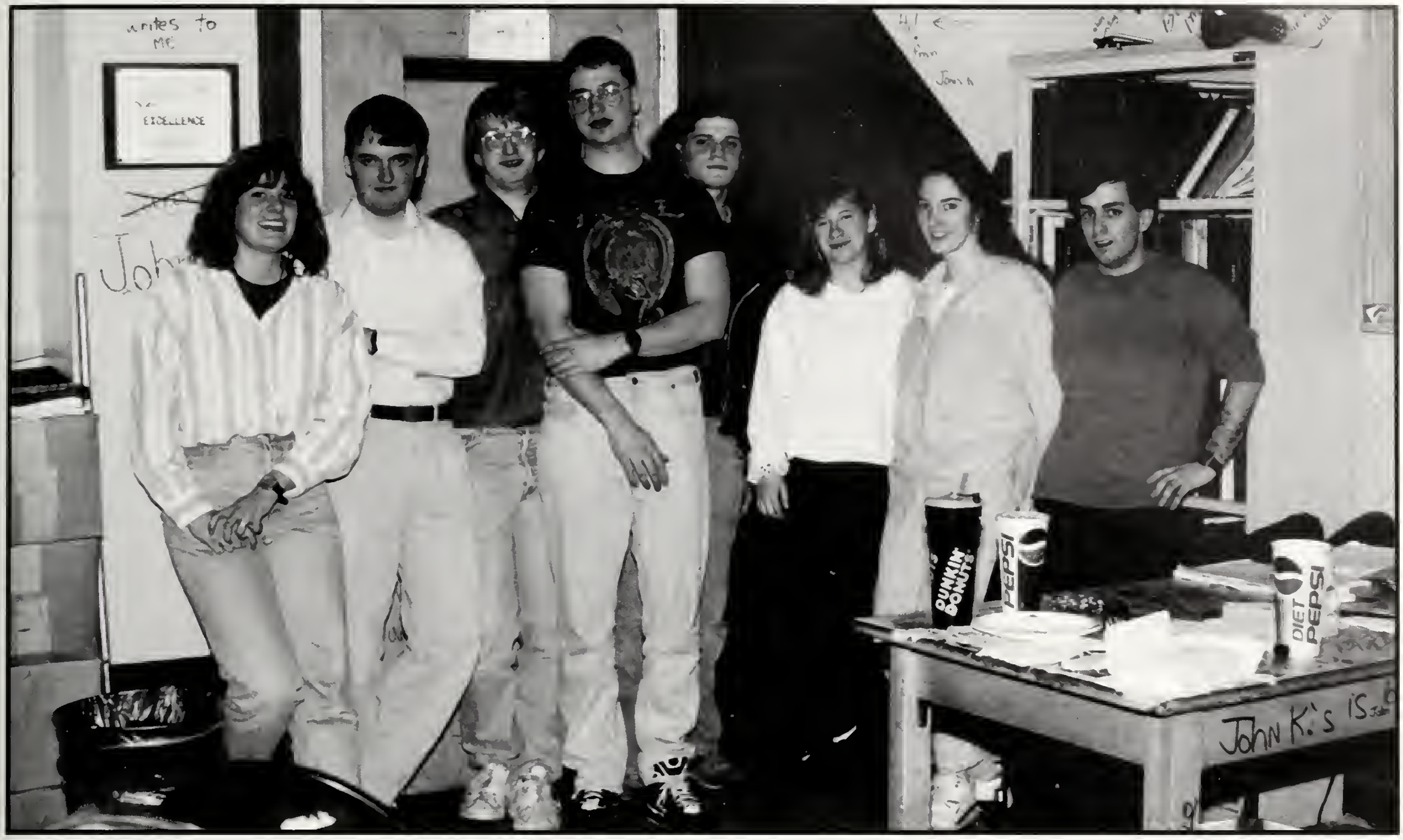


Photo by Tripod Thingy (Unit Man)

From left to right, the cast includes: **Cara DeMarco, Ken Farmer, Eric Brown, Steve Ehrmanntraut, Doug Farmer, Heather Hussey, Sarah Jane Walsh, and Jim Sullivan.**

Roles we played:

Ken Farmer	Layout Editor
Doug Farmer	Copy Editor
Cara DeMarco	Photography Editor
Vinnie DiGrazia	Advertising Ediotr, contributing writer
Heather Hussey	Contributing Editor
John Kurdzionak	Student Life (Pub) Editor, contributing writer
Jim Sullivan	Clubs and Organizations Editor
Phil Braica	Layout staff extraordinaire
Steve Ehrmanntraut	Senior Editor
Lisa Killinger	Art Editor
Sarah Jane Walsh	Contributing Staff
Steve Zerfas	Layout staff extraordinaire
Eric Brown	Editor-in-Chief

A Vision for a Generation

I have been asked to write a piece on my experiences over the past year with regards to the production of the 1993 Merrimackan yearbook. It isn't particulalry easy, since I have sppent only one year in the office. However, the moment I set foot in the office, I was drafted into an editorial board position—Copy Editor, specifically—and so that was an adventure in itself. My responsibility was to look over the writtenm submissions from members of the Merrimack College community, and proofread them, as well as to write some work of my own, on the theme of the book, that being the environment and our duty to protect it. I expected to spend most of my time doing the former, but to my astonishment, we really didn't get that much written material from any sector of the campus.

Now, I'm not going to give just another summation about student apathy, since that certainly has been beaten to a pulp in the past. I would rather say that I understand why there aren't that many people willing to writre material for the yearbook. It may seem intimidating to put thoughts down on paper, which will be preserved for years, and will be continuously criticized (or praised) by your classmates for decades. That can be an intimidating task, which not many will feel like undertaking. Nevertheless, from my perspective, the yearbook declines in quality when the majority of the student body decides to leave the production to a few individuals in the office on the third floor of Gildea Hall.

The view from that office is okay, I suppose, but it isn't enough to catch the spirit of asenior class. More importantly, th thoughts and ideas of an entire generation at Merrimack must be adequately represented in the book to make it good reading in the future, and quite franky, five or six dedicated members is not enough for that. We need help from everybody.

As to the stories I have written on the different aspects of our endangered planet, I am aware that collectively they sound much like a doomesday prophecy. I offer ample description of the problems, but offer few, if any, solutions. That's just the point. There aren't too many meaningful answers out there, in my opinion, and it will be up to this generation to pu our heads together and repair the damage of the past. The amazing thing in the preservation of the environment is that with all this complicated scientific jargon we hear every day, the answers can involve simple common sense, such as the application of recycling in our daily lives.

Well, I think I have rambled enough. I would like to thank the friends I have found in the yearbook office, for making my opening year at Merrimack a little more tolerable than it would have been otherwise. As for the senior class of 1993, and the rest of the college community that reads this book, I hope I have contributed to the book by offering a vision of this generation, whether it be hope for the future, or a pleasant memory drawn from the past in the coming years.

***By* Doug Farmer**

Livingston Taylor, live at Merrimack

Music...
music...
Play
music

Photos by Cara DeMarco

According to Ken...

Trying to lay out a two hundred fifty-six page yearbook with only two people is impossible. Eric and I did not realize this as soon as we should have, so we attempted it, and this book is the result. I am sorry about any error, there is only so much that two people can do. This does not mean that we had only two people on our staff; just two people were doing the layouts.

I want to thank our staff, especially Cara DeMarco for her photography, for providing the material Eric and I tried to lay out. I also want to thank Jackie of Purdy Vantine Studio and especially Guy Garon of Hunter Jostens Publishing for their support.

As Editor of the 1994 Merrimackan I hope to meet our deadlines and get it out a couple of months earlier, although it will be shorter.

Good luck to the class of 1993!

By Ken Farmer
Layout Editor

A Reminder

Vanity of vanities, says the Teacher,
vanity of vanities! All is vanity.
What do people gain from all the toil at which they toil under the sun?
A generation goes, and a generation comes, but the Earth remains forever.
The sun rises and the sun goes down, and hurries to the place where it rises.
The wind blows to the south, and goes around to the north; round and round goes the wind, and on its circuits the wind returns.
All streams run to the sea, but the sea is not full; to the place where the streams flow, there they continue to flow.
All things are wearisome; more than one can express; the eye is not satisfied with seeing, or the ear filled with hearing.
What has been is what will be, and what has been done is what will be done; there is nothing new under the sun.
Is there a thing of which can be said, "See, this is new?"
It has already been, in the ages before us.
The people of long ago are not remembered, nor will there be any remembrance of people yet to come by those who come after them.

ECCLESIASTES

Straitsmouth
Island Light
Rockport, MA

Photo by Brian Lankshear

Feckless Meanderings

Who are you, reading this now? Where I am as you read on is somewhere within 12,300 miles of you. It is interesting to note that I am breathing the very same air as you, I am drinking water that evaporated from the same oceans, I am warmed by the same sun as you, and I am riding along at over 1000 miles per hour around that same sun as you... No matter where we try to escape to, these will be facts. But though they are facts, is it even possible to grasp what they mean?

In less than one hundred years, the complex chemical reactions that constitute each of our manifests here will cease, utterly, permanently. Chief Seattle said that we do not own the Earth, but that we borrow it from our children. What our bodies leave behind will certainly be good fodder for the next generations, but can we add value to the Earth, as a gift to our children?

A final question(s). Given the poignant statistic above, about our inevitable expiration limits, the one that we'd all like to be quite struthious about, what are we going to do that matters? Is there any real, worthy, legacy at all? Can there be any sense of pride at our last breath? There will be; for every soul who dares to treat the eternally echoed words of the past as valid, and not as mere clichés to be patronized, they will guarantee that though their time is up, the world is better for the next of God's children.

The words tell us to treat the Earth as we would our home others as ourselves. The only things that will appreciate any of our achievements any time in the distant future will be the future generations of creatures, including people. Given this, we ought to use the care of these beings as our focus in making our marks on the world, as I hope we hav learned to do at Merrimack.

A closer look can be a frightening prospect, when even casual glances seem to serve up distress. I challenge everyone, all of you, to take a closer look as you walk the rest of your lives, you will see how those things which may seem so insignificant at the moment will burgeon with cooperation into the the rosa de cras; the rose of tomorrow

By Eric Brow

Photos by Brian Lankshear

Thanks Prof. Kandra

After graduating from the Naval Academy in 1955 with a degree in engineering, Michael Kandra entered the Marine Corps. Upon leaving the Marines in 1960, Mr. Kandra was employed by the Trane Corporation in Wisconsin as a manufacturing engineer. Two years later he was transferred to Scranton, Pennsylvania, and while there he attended the University of Scranton part-time for six and one half years to earn his Master of Business Administration. He became Trane's Manager of Manufacturing Engineering at its Scranton facility.

After leaving Trane, Mr. Kandra was subsequently employed as a manager by two other firms in the manufacturing industry, including a company that produced lighting fixtures for Sears Roebuck. Professor Kandra taught as an adjunct at Mount Wachusett Community College before coming to Merrimack in 1987. No matter what the class or topic, he brings years of engineering, manufacturing, and management experience into the classroom and can always be counted on to relate his real-life experiences to his students in order to make more sense out of any textbook.

Professor Kandra lives in Groton with his wife Lorraine and they have five grown children

By John Kurdzionak

Science and Architecture: One and the Same?

Merrimack College proved its commitment to the scientific vitality of the college in the future by officially dedicating the new Science and Engineering building, now called the Gregor Johann Mendel,O.S.A., Center For Science, Engineering, And Technology, on June 5, 1993. Mendel, as the program for the ceremonies noted,"was admitted to the Augustinian monastery in Brno, Silesia. A respected instructor in both physics and natural history, Mendel also pursued his interest in artificial pollination research. His ten years of tedious experiments with pea plants led to what is known as "Mendel's law of segregation," the basis of genetics." His work was ignored at the time, which was mid-1800s, and he met with the disapproval of the church. The ceremony, dedicating the new building to this man, shows how much all of that has changed. At Merrimack College, the leadership believes in the fearless pursuit of the truth, and that involves keeping up with the scientific advances of our times. The Mendel Center provides new classrooms, advanced laboratories, not to mention the new observatory on the roof of the building, so students who attend Merrimack will catch a glimpse of the breathtaking advances in science in recent years, and perhaps will make some of their own. Now, as ever, the college realizes that science and the Augustinian order must not be divorced in education, but must work together to enlighten the coming generations in the problems and promises of technological research in the future.

By Doug Farmer

The Last Word

Editors' Forward

This is where it all begins, here is the place where we begin to take a closer look at the world. For just a little while, think about where you are. Remember what it felt like the first time you walked barefoot in the grass or saw a blue sky. The first time you smelled fresh air, a time when such things were an exciting part of being alive. Wait, we aren't trying to convert anyone to flower children! We're just celebrating our accomplishments and good times as a school remembering what belies all of the things we ever will do.

What about that title?

Whose world? Our world. We play many roles during our lives, and for each of these roles there is a world. Our friends who we've come to know and love over the past four or so years are a small world. The Merrimack College community is a world in itself, complete with all kinds of people, relationships, and ideas. We are part of the United States, a vast community of sorts. Finally, we are part of a grand community, the Earth.

Along this line, our examination of Merrimack College and its class of 1993 will set on a somewhat environmental tone. Not all of the book will be pervaded by this, but it will be around all of the sections, just as the natural world is around all of us at every moment. Take a few moments to notice things about the school that you might have missed before. Be mindful of what is happening around you in the natural world, too. Notice how great it is just to breathe air when it is fresh and sweet.

If you love the Earth, your world, then take care of it, and it will be there or your children to enjoy as well. There is no disgrace in taking care of the Earth God gave us. Indeed, it is a responsibility we have.

We on the staff of *The Merrimackan* hope you enjoy looking through this edition of the yearbook as much as we enjoyed producing it. And now for ***A Closer Look at Our World*** .

Colophon

What makes the 1993 Merrimackan

These be the specifications, for the technophile, the afficionado of detail, the conoisseur o' construction.

- Pages 256, consisting of:
  - Velum table of contents.
  - Pages 1-16,and 65-80 on lustro finish paper.
  - 17-64, and 81 through 256 on dull enamel paper.
  - the endsheets have a savory creme thing going… they are
- The cover is linen stock with a four-color process print. The cover was created by Lisa Killinger (nice work, Lisa.)
- Purdy Vantine Studios continues to provide fine service for the photographic needs of the yearbook, covering:
  - The senior portaits, with a few exceptions.
  - Sports photos, saving a few candids.
  - Most all of the Senior Week photos.

  Purdy Vantine Studio also provided for the film used for a substantial portion of the ballance of the photography, which was 60 roll of 24 exposure 400 ASA Tri X film, and 24 rolls of 36 exposure 200 ASA Kodak Color Print film, as well as 8 rolls of 1000 ASA Kodak Ektar Color Print film, used for some of the foliage photos and for the aerial photos.
- The wildlife pictures appearing in the opening of the book were taken by Brian Lankshear, all around New England, in our very backyards.
- The photo of the moon appearing on page seven was a team effort that was effected by Brian Lankshear, Daniel Tambasco Jr., Dr. Thomas Morill of the Physics Department, and the Ladies of Merrimack, whose donation funded the telescope that serves the college.